

1
BOROUGH OF ECCLES



ANNUAL REPORT

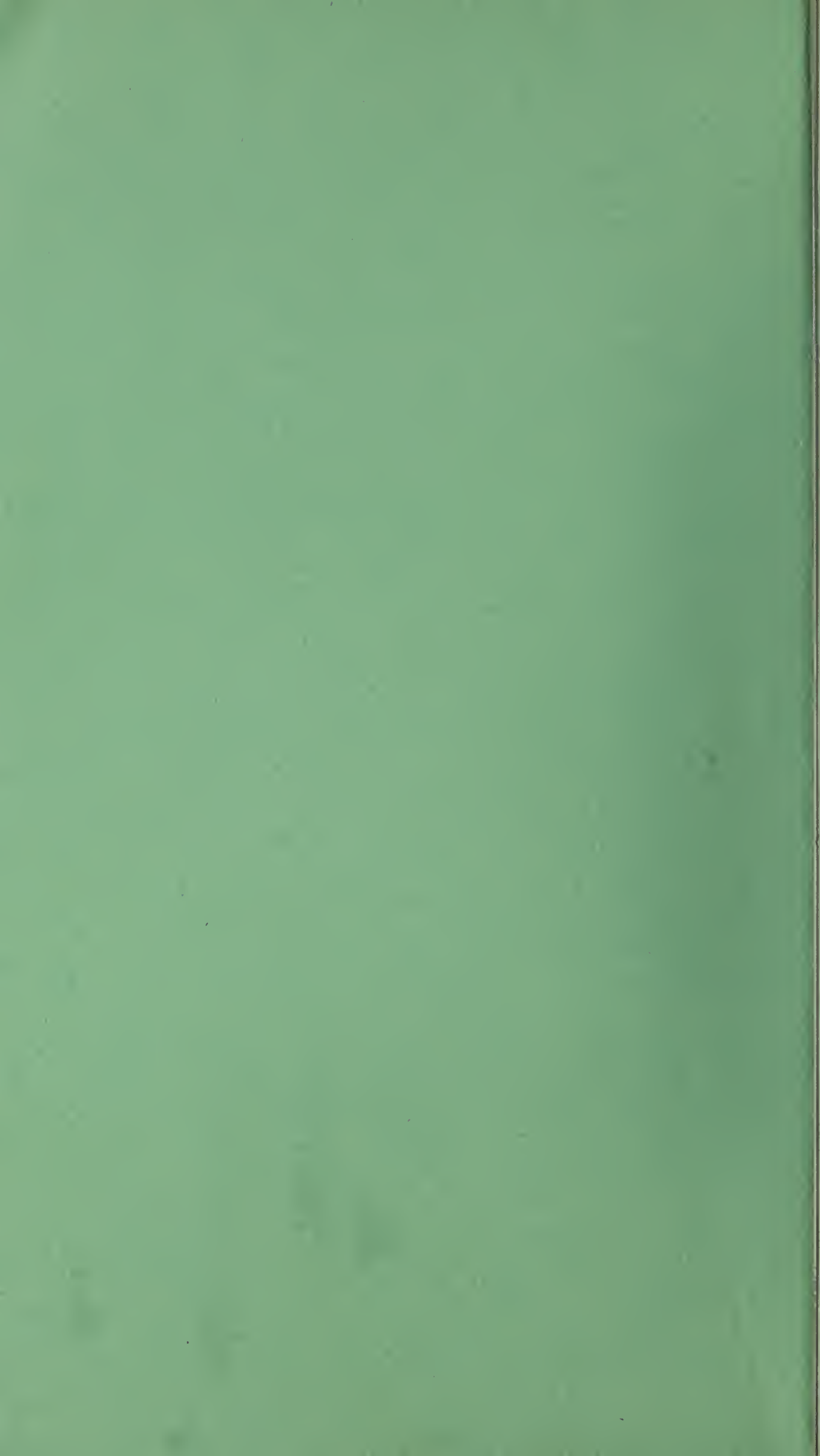
OF THE

Medical Officer of Health

AND THE

Chief Public Health Inspector

1969



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I N D E X

Administration	22
Animal Welfare Acts	34
Atmospheric Pollution... ..	22 - 29
Births and Stillbirths.. ...	7
Canal Boats... ..	33
Cancer... ..	8 - 9
Civic Amenities Act, 1967	36
Clinics and Treatment Centres	14
Deaths... ..	8 & 10
Diseases of Animals	33
Disinfection and Disinfestation... ..	21
Hairdressers and Barbers	35
Hawkers of Foodstuffs... ..	32
Health Education... ..	34
Health Services, General Provision of.. ...	12 - 15
Hospitals	12
Houses in multiple occupation	19
Housing.. ...	19
Improvement Grants.	19 - 21
Infant Mortality... ..	8
Infectious Diseases - prevalence and Control	9
Inspection and supervision of food	30 - 32
Introductory letter: Medical Officer of Health... ..	5
Introductory letter: Chief Public Health Inspector	18
Laboratory Facilities... ..	15
Legislation and Byelaws in force in the Borough.. ...	17
Maternal mortality.	8
Members of the Council and of the Health Committee	3
Merchandise Marks Acts, 1926.	32
Mortuary.	33
Noise Abatement Act, 1960	35
National Assistance Acts, 1948 and 1951, Secs. 47 and 50	11 - 12
Offensive Trades... ..	33
Offices, Shops and Railway Premises Act, 1963	34
Pesticide Residues in Foodstuffs.. ...	30
Prevention of damage by Pests Act, 1949	33
Public Sanitary Conveniences.	32
Public Baths.. ...	15
Refuse Collection and Disposal	35 - 36
Rent Act, 1957 and 1965.	19
Safety in the Home.	12
Sanitary Accommodation.. ...	21 - 22
Shops Act, 1950	34
Slum Clearance	19
Smoke Control Areas	29
Staff of Public Health Department.	4
Statistics and Social Conditions.. ...	6 - 7
Tuberculosis.. ...	9
Vaccination and Immunisation.	11
Voluntary Organisations, Services provided by	16 - 17

STATISTICAL APPENDIX

LIST OF TABLES

I	Vital Statistics of whole district for 1969 and previous years
II	Birth rate, death rate and infantile mortality.
III	Causes of death, year 1969.
IV	Age distribution of deaths - 1950 - 1969..
V	Notifiable diseases - 1969.
VI	Notifiable Diseases - 1950 - 1969
VII	Tuberculosis - new cases and deaths, 1969.
VIII	Tuberculosis - number of cases on register, 1969
IX	Tuberculosis - incidence and death rate, 1950 - 1969
X	Housing Statistics
XI	Housing progress, 1946 - 1969... ..
XII	Housing Act, 1957 - Statement of action: (a) Clearance Areas (b) Individual Unfit Houses.
XIII	Inspection of Premises
XIV	Defects found and nuisances abated... ..
XV	Atmospheric pollution.
XVI	Registration of premises for the manufacture and sale of ice-cream and preserved foods
XVII	Food and Drugs samples
XVIII	Bath Water Samples from Public Baths.
XIX	Distributors etc. of milk..
XX	Bacteriological examinations: (a) Samples of Milk (b) Samples of Ice-Cream (c) Samples of Swimming bath water (d) Nose and throat swabs (for diphtheria).. (e) Faeces
XXI	Meat Inspection..
XXII	Inspection of other foods..
XXIII	Inspection of food premises
XXIV	Factories Acts, 1937 - 1961
XXV	Shops Act, 1950..
XXVI	Prevention of Damage by Pests Act, 1949
XXVII	Collection and Disposal of House and Trade Refuse... ..
XXVIII	Salvage Returns 1969..
XXIX	Motor Transport..

BOROUGH OF ECCLES.

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LIST OF MEMBERS OF THE TOWN COUNCIL

on

31st December, 1969

.....

The Mayor:

+ T. CUSACK Esq., J.P.

Deputy Mayor :

Councillor W. SULLIVAN

Alderman R. BENSON, J.P.	Councillor J.G. HARDAWAY, C.C.
Alderman J. BIRCH	+ Councillor W. HOLMES
Alderman MRS. E. BODDAN	Councillor H.S. JOHNSON
Alderman G.K. EDWARDS	+ Councillor C.L. JONES
Alderman C.E. JOHNSON, J.P.	Councillor H.D. JONES
Alderman J. McCANN, C.B.E., M.P.	+ Councillor J. LAWTON
Alderman J.G. SMITH	Councillor F. LEIGH
Alderman O. WILLIAMS	* Councillor M.H. LEWIS
Councillor G. AINSWORTH	+ Councillor T. McEVOY
Councillor E. BAMBER	Councillor W.J. McKAY, J.P., C.C.,
Councillor C.I. BRUCE	+ Councillor W.J. MYLES
Councillor A. COOPER, J.P.	Councillor R. RHODES
Councillor R. CREWE	Councillor J.K. ROBINSON
Councillor J. DARLINGTON	X Councillor Mrs. P. VERITY
Councillor T. FRANCIS	Councillor J.S. WOODROW
Councillor D.A. DOW	

* Chairman of the PUBLIC HEALTH Committee

X Deputy Chairman of the PUBLIC HEALTH Committee

+ Member of the PUBLIC HEALTH Committee

PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY.

Medical Officer of Health :

WILLIS J. ELWOOD, M.B., B.Ch. B.A.O.(Belf.) D.P.H. (Eng).

Deputy Medical Officer of Health :

M.S. BLACKBOURN, M.B., Ch.B., L.R.C.P., M.R.C.S., Dip., Obstet, R.C.O.G., D.C.

Chief Public Health Inspector :

R. MARTIN, D.P.A. (London) M.A.P.H.I., Cert. Insp. Meat and Food

Deputy Chief Public Health Inspector :

C.L. TAYLOR, M.A.P.H.I., Cert. Insp. Meat and Food

Public Health Inspectors :

G.G. COPLEY, M.A.P.H.I. *

J. LEE, M.A.P.H.I.

P. REEVES, M.A.P.H.I. *

J. ROBINSON, M.A.P.H.I. *

D.A.G. MORRIS, M.A.P.H.I. *

Smoke Control Officer :

A.G. WARD, M.A.P.H.I.

* Cert. Insp. Meat and Other Foods

Pupil Public Health Inspector:

G. ROWLINSON (Commenced 1.9.1969)

Technical Assistant/Clerk of Works - Clean Air :

N.W. WHITNEY

Technical Assistant (General) :

R.A. BELL

Clerical Staff :

Chief Clerk - D.A. JONES

D.J. BRADLEY (Resigned 23.5.1969)

R. EASTHAM (Commenced 30.6.1969)

Mrs. B.K. FULTON

Miss S. PEARCE (Resigned 4.3.1969)

Miss B. A. CLARE

Miss C.M. HUGHES (Commenced 10.3.1969)

ANNUAL REPORT of the MEDICAL OFFICER OF HEALTH for the year 1969

Public Health Department,
King Street,
P.O. Box No. 6,
ECCLES, Manchester, M30 0EL.
Telephone: 061-789 2214

To the Mayor, Aldermen and Councillors of the Borough of Eccles

Mr. Mayor, Ladies and Gentlemen,

I have the honour to present to you my fifteenth annual report.

A further decrease in the Registrar General's estimate of the population of the Borough as at the middle of the year brings the figure for 1969 to below 40,000 for the first time since 1945. All the vital statistics compare reasonably favourably with the corresponding rates in former years in Eccles and with the rates for 1969 in England and Wales: in fact the still birth rate at only 5.0 per 1,000 total births (compared with 13.0 for England and Wales) is an all-time low for the Borough.

1969 was the first full calendar year in which infective jaundice was notifiable: 102 notifications were received, of which 72 related to cases in children under 15 years of age (i.e. approximately the same proportion as in the latter half of 1968, when 53 out of the 68 cases notified were children). 93 notifications of scarlet fever were more than might have been expected, though this disease is generally not of great consequence nowadays. The Borough was however remarkably free of dysentery (4 cases notified) and of food poisoning (5 cases notified) during the year.

During 1969, 175 houses were demolished or closed under Housing Act, 1957 procedure. The real "slums" of Eccles have been largely removed, and emphasis appropriately being shifted to repair and improvement: In addition a considerable number of houses were demolished during the year in preparation for the Eccles motorway, on which construction work was commenced in January, 1970. During 1969 the total number of dwellings constructed - both by the Local Authority and by private enterprise - was 268. The ratio of the mid-1969 estimated population to the estimated number of dwellings is 2.74 persons per dwelling, compared with 2.78 in 1968, 3.01 in 1958 and 3.75 in 1948.

As you will see from Table XV reductions of 39% to 64% in smoke and of 25% to 27% in sulphur dioxide in the atmosphere have been recorded by instruments in the Borough during the past six or seven years. In view of this progress, the unwelcome suspension of Smoke Control Orders - forced upon the Council by circumstances outside your control - is most disheartening.

In summary, the indications are that - apart from the present set-back in smoke control - Eccles is a cleaner, healthier and less crowded place to live in than it used to be, and that 1969 was a "good" year as measured by the conventional yardsticks of community health.

My thanks are due to Mr. Martin and to the staff of the Department for their loyal service, to the Town Clerk and officers of other Departments for helpful advice and ready co-operation, and to you for the support and confidence you have given throughout the year.

I am, Ladies and Gentlemen,

Yours obediently,

WILLIS J. ELWOOD

Medical Officer of Health

October, 1970.

STATISTICAL SUMMARY

1. General Statistics

Area (in acres)	3,4
Population (Census 1961).	43,1
Population (Estimated mid-1969)	39,8
Number of Houses and Flats, 1969... ..	14,5
Rateable Value (December, 1969)	£1,488,2
Sum represented by a penny rate (1970/1971)..	£ 5,9

2. Vital Statistics (See also comment following, & Tables I, II and III)

Live Births:	M.	F.	Total
Legitimate	277	256	533
Illegitimate	28	36	64
Total	305	292	597
Rate per 1,000 population... ..			15.0
Illegitimate Live Births per cent. of total live births			10.7

Stillbirths:

Number.. ...	1	2	3
Rate per 1,000 total live and stillbirths			5.0
Total live and stillbirths.. ...	306	394	600
Infant Deaths (deaths under 1 year)	5	7	12

Infant Mortality Rates:

Total infant deaths per 1,000 total live births	20.1
Legitimate infant deaths per 1,000 legitimate live births	15.0
Illegitimate infant deaths per 1,000 illegitimate live births	63.0

Neo-natal Mortality Rate:

(deaths under 4 weeks per 1,000 total live births)	18.0
--	------

Early Neo-natal Mortality Rate:

(deaths under 1 week per 1,000 total live births)	18.0
---	------

Perinatal Mortality Rate:

(stillbirths and deaths under 1 week combined per 1,000 total live births)	23
--	----

Maternal Mortality (including abortion)

Number of deaths	-
Rate per 1,000 total live and stillbirths	-

PHYSICAL FEATURES OF THE DISTRICT

The area of the Borough is 3,417 acres. The boundaries are the Gilda Brook which separates it from the City of Salford on the east, the Irlam Urban District on the west, the Manchester Ship Canal on the south, and the Worsley Urban district and the Swinton and Pendlebury Municipal Borough on the north.

The area is flat, its maximum height above ordnance datum being 136 feet in Half Edge Lane, and its lowest point being below the 50 feet contour line in the neighbourhood of the old bed of the River Irwell at the west end of the Borough.

The sub-stratum is mainly red sandstone to the east of Monton Road, which is syntropical with the Swinton Fault. To the west are upper carboniferous rocks containing the Slack Lane coal seam which crops up to within six feet of the surface at Monton Green. Further west the carboniferous rocks are over-laid with glacial drift, yellow and white sands and gravel and then by peat at Barton Moss.

Barton Moss, which is about 75 feet above ordnance datum, has been drained and reclaimed and now consists of fertile agricultural land quite unsuitable for development owing to the difficulty in obtaining a solid foundation for buildings, the peat being 16 to 20 feet in thickness.

POPULATION

The population at the 1961 Census was 43,173 persons. The population for the year 1969 as estimated by the Registrar General was 39,830, a decrease of 3,343 persons.

OCCUPATIONS

The working population of the Borough is about 20,000 persons (12,000 males and 8,000 females). They are engaged in industry and commerce principally, with many in clerical occupations. A large proportion are employed in the Trafford Park industrial area. It is interesting to note that about half of the working population is employed outside the Borough, and that the same number reside outside but work within the Borough.

About half the adult males and half the adult females are employed in electrical and mechanical engineering, diesel manufacture and chemical and allied industries. One-quarter of the adult males are employed in building, transport, manufacturing and distributive trades. The remainder are in professional scientific and administrative services.

The other adult females are employed in distributive, professional and scientific and clerical services.

BIRTHS

The number of live births registered during 1969 was 597 (305 males and 292 females) as compared with 576 during 1968. This gives a live birth rate of 15.0 per 1,000 population which is lower than the rate for England and Wales in 1969 (16.3) and also lower than the average rate (15.7) for the Borough for the five years 1964 to 1968.

STILLBIRTHS

The stillbirths numbered 3, the stillbirth rate being 5.0 per 1,000 live and stillbirths as compared with 25.3 in 1968 and 14.0 in 1967. The average stillbirth rate for the five years 1964 to 1968 was 21.0

INFANT MORTALITY (See Tables I and II)

During 1969 were 12 deaths of infants under one year of age. This gives an infant mortality rate of 20.1 per 1,000 live births.

The infant mortality rate for the Borough in 1968 was 21.0 and the average rate for the five years 1964 to 1968 was 24.4. The rate for England and Wales in 1969 was 18.0

The neo-natal deaths (the number of deaths occurring during the first four weeks of life) were 11, giving a neo-natal mortality rate of 18.0 per 1,000 live births as compared with 14.0 in 1968. The average rate for the five years 1964 to 1968 was 15.6.

The peri-natal deaths (the number of stillbirths (3) plus the number of deaths occurring during the first week of life (11)), were 14, giving a peri-natal mortality rate of 23.0 per 1,000 live births for 1969 as compared with 37.0 in 1968.

DEATHS (See Tables I to IV)

There were 554 deaths at all ages during the year compared with 583 in 1968.

The crude death rate was 13.9 per 1,000 population, as compared with 14.5 in 1968. The "comparability factor" for Eccles for 1969 is 0.98. When this factor is multiplied by the crude death rate, an adjusted death rate of 13.6 is obtained. This can be legitimately compared with the adjusted death rate of any other area.

There were 25 deaths from pneumonia and 24 from bronchitis. Deaths from cancer of the lung and bronchus were 34 compared with 30 in 1968, and deaths from other forms of cancer were 65 as against 88 in 1968.

There were 17 deaths of children under 15 years of age and 387 of persons aged 65 and over.

Accidental deaths totalled 15 compared with 21, 22, 16, 18 and 16 in the previous five years. Four were caused by falls, 7 by motor vehicles and 4 were due to other causes.

The diagram on page 10 shows the breakdown of deaths by principal causes, the crude death rates per 1,000 population and the percentage of each grouping.

MATERNAL MORTALITY (See Table I)

There were no deaths attributable to childbirth during the year.

CANCER (See Table III)

The number of deaths, due to this cause (including leukaemia) in recent years are as follows :-

	1965	1966	1967	1968	1969
Cancer of stomach	14	11	9	14	15
Cancer of lung, bronchus	17	25	33	30	34
Cancer of breast	14	7	10	4	5
Cancer of uterus	5	6	4	4	3
Cancer of other sites	56	58	68	61	40
Leukaemia, aleukaemia	2	1	2	5	2
	108	108	126	118	99

The cancer mortality rate for 1969 is 2.49 per 1,000 compared with 2.93 per 1,000 in 1968. The national rate for 1969 is 2.35 per 1,000. The 34 deaths from cancer of the lung and bronchus give a mortality rate in Eccles from this cause of 0.85 per 1,000 which is higher than the national rate of 0.61 per 1,000. It is disappointing to note that while the total deaths from all forms of cancer appears to be decreasing, deaths from Cancer of the lung and bronchus appear to be on the increase.

PREVALENCE AND CONTROL OF INFECTIOUS DISEASES (See Tables V and VI)

There were 317 cases of infectious diseases notified during 1969 as compared with 345 in 1968.

Distribution of these cases in the various age groups and the various wards in the Borough is shown in Table V. The infectious diseases notified in 1969 can be compared with notifications for the preceding 19 years. There was a minor epidemic of scarlet fever and 93 cases were notified compared with 25 in 1968.

It is pleasing to report that there were only 4 confirmed cases of sonné dysentery during the year. One wonders, however, how many residents suffered with typical dysentery symptoms but did not seek medical advice.

For the 18th successive year, no case of diphtheria was notified.

TUBERCULOSIS (See Tables VII, VIII and IX)

Statistics relative to the incidence of tuberculosis are given in Tables VII, VIII and IX. Six cases of tuberculosis (5 respiratory and 1 non-respiratory) were notified during the year.

It will be seen from Table VIII that there were, at the end of the year, 66 persons in Eccles suffering from respiratory tuberculosis and a further 19 suffering from the non-respiratory form of this disease.

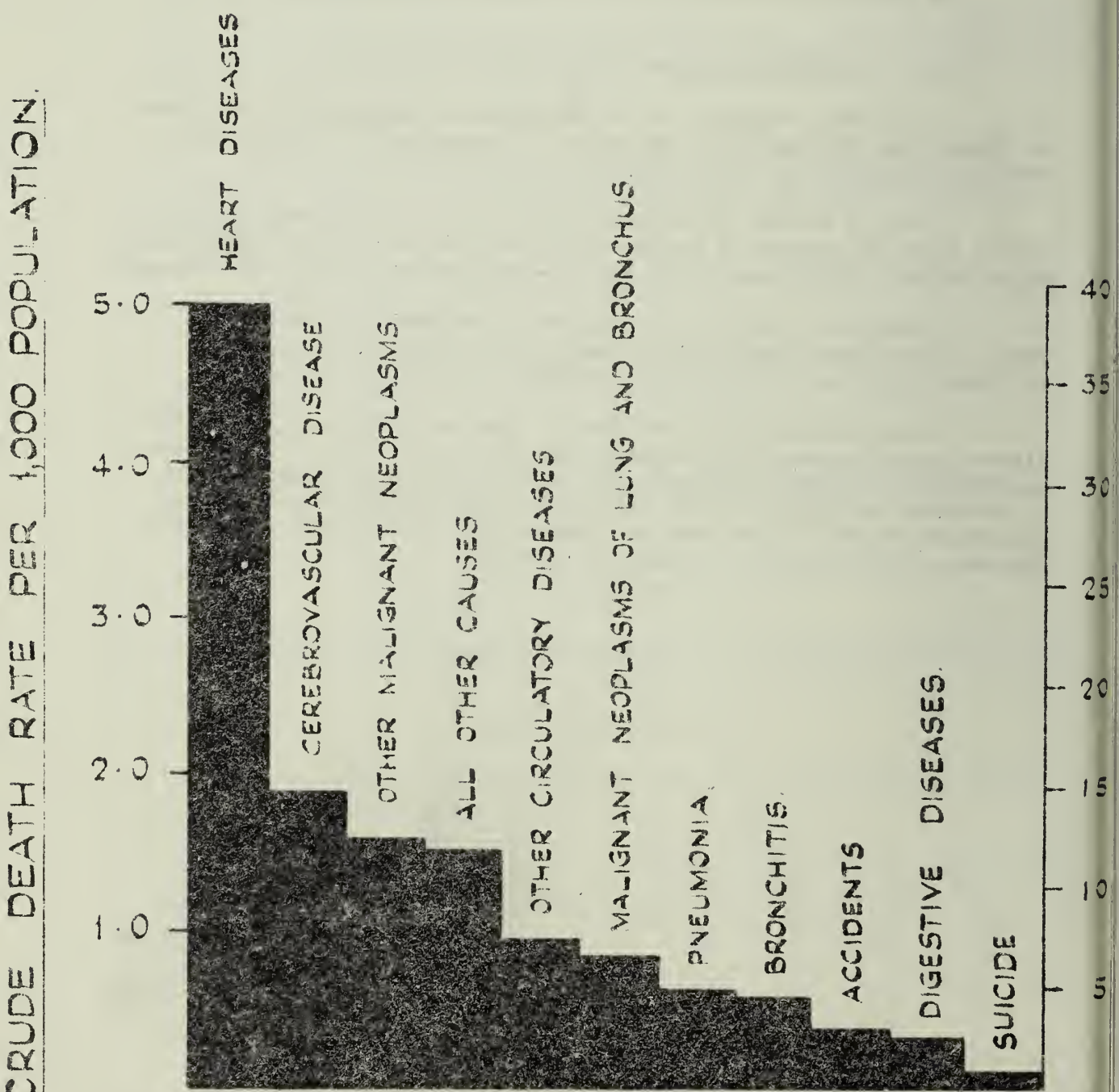
There was 1 death from respiratory tuberculosis during the year. This gives a death rate of 0.025 per 1,000 population, which is higher than the national rate for 1969 of 0.022.

Table IX shows that the deaths from, and the incidence of this disease have decreased dramatically over the years. Many factors have contributed, the most important being early detection through the use of the mass radiography units, vaccination with B.C.G., the discovery and effective use of new drugs and finally, but by no means the least important, the provision of adequate housing.

DEATHS FROM PRINCIPAL CAUSES 1969

RATE PER 1,000 POPULATION
AND
PERCENTAGE OF TOTAL DEATHS

CRUDE DEATH RATE
13.9 PER 1,000 POPULATION



CAUSES OF DEATH

VACCINATION AND IMMUNISATION

The following protective procedures are carried out free of charge at County Council clinics and by general practitioners at their surgeries.

Vaccination against Smallpox

Vaccination, preferably in the second year of life, gives a measure of protection to the individual for many years; should the disease be contracted subsequently it is generally in a modified form and a fatal issue is unlikely.

The following figures show the number of vaccinations done in the District during 1969 and the two previous years.

	1969	1968	1967
(a) Number of primary vaccinations	100	176	184
(b) Number of re-vaccinations	6	22	52

Immunisation against diphtheria, whooping cough and tetanus

Three injections are given at intervals of not less than one month.

The following figures show the number of children who were immunised :

	Primary	Reinforcing
Children protected during 1969 against -		
Diphtheria	242	800
Whooping Cough	197	310
Tetanus..	244	810
Measles..	202	-
Total diphtheria immunisations in 1968	422	922

Vaccination against Poliomyelitis

During the year under report, the number of persons who received primary vaccination was 379 compared with 566 in the previous year, and the number of persons who were given re-inforcement doses was 466 compared with 379 in 1968.

B.C.G. Vaccination against Tuberculosis

Under arrangements made by the County Council, parents of secondary school children may be invited to consent to their children being skin-tested for susceptibility to tuberculosis, and to their being vaccinated against tuberculosis with B.C.G. vaccine if the skin-test shows them to be susceptible to this disease. During 1969, 564 school-children were skin-tested in this manner, 441 were found to be susceptible to tuberculosis and all of these were vaccinated with B.C.G. Any questions about B.C.G. should be raised with the School Medical Officer at the clinic.

NATIONAL ASSISTANCE ACTS, 1948 and 1951.

Section 47 of the 1948 Act, as amended, gives power to remove compulsorily to hospital or other place, persons who are unable to devote to themselves, and are not receiving from others, proper care and attention, and are (a) suffering from grave chronic disease or (b) aged, infirm, or physically incapacitated and are living in insanitary conditions. It was not necessary to take action in accordance with the above section during the year.

Section 50 of the 1948 Act, as amended, imposes on the local authority the duty of causing to be buried or cremated the body of any person who has died in its area, in any case where it appears to the authority that no suitable arrangements for the disposal of the body will be made otherwise than by the authority. It was necessary on one occasion to take action in accordance with the provisions of this section of the Act during the year.

SAFETY IN THE HOME

The Annual General Meeting of the Eccles Home Safety Committee was held in the Town Hall, Eccles on the 22nd January, 1970. The Mayor of Eccles (Councillor T. Cusack J.P.) presided and in welcoming delegates to the meeting thanked them for their efforts in the Home Safety field. An address was given by ADO F.H. Mayes, Lancashire County Fire Brigade on the organisation of the County Fire Service. Mr. Mayes outlined the fire hazards in domestic properties and the steps which should be taken to avoid the risk of fire. He stressed the need for seeking the assistance of the Fire Service however slight the fire may appear. More lives were lost through fires in domestic property than any other.

The committee met on 4 occasions during the year and all meetings were well attended. A wide variety of home safety topics had been discussed, particular attention being paid to the fires in property in process of demolition and to the dangers of fireworks. The committee were of the opinion that there should be a ban on the sale of fireworks.

Delegates attended the quarterly meetings of the Lancashire and Cheshire Area Home Safety Council, the 9th National Home Safety Congress held at Folkestone and the Annual Conference on Home Safety held at the County Offices, Preston.

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

I. Services provided by the Manchester Regional Hospital Board.

1. HOSPITALS

Bridgewater Hospital provides beds for chronic sick and mental cases. The Borough is served, in the main, by the following hospitals :

- (a) General - Hope Hospital, Salford; Salford Royal Hospital and Park Hospital, Davyhulme.
- (b) Infectious Diseases - Ladywell Hospital, Salford : Monsall Hospital, Manchester.
- (c) Maternity - Hope Hospital, Salford: Park Hospital, Davyhulme; and Eccles and Patricroft Hospital, Eccles.

2. TUBERCULOSIS SERVICES

While certain aspects of this work, more particularly the domiciliary visiting of cases and contacts, come within the province of the Divisional Medical Officer, the Regional Hospital Board does provide the following :-

- (a) Chest Clinic, Hope Hospital Salford. New cases, referred by their family doctors, attend by appointment.
- (b) Mass Miniature Radiography Surveys are carried out periodically in the District. The Board's No. 2 Unit which is based at Monsall Hospital, visits the Corporation Road Clinic, Eccles once a month.

3. VENEREAL DISEASES CLINIC

St. Luke's Clinic, 11, Duke Street, Liverpool Road, Manchester, 3.

II. Services provided by the Local Health Authority.

Eccles is one of the three constituent districts of Lancashire County Council Health Division No. 15, which in addition includes the Borough of Swinton and Pendlebury and the Urban District of Worsley.

The services which are provided by the County Council are as follows :-

1. Care of Mothers and Young Children: this includes ante-natal and child welfare clinics, dental care, distribution of welfare foods and day nurseries.
2. School Health Service.
3. Midwifery.
4. Health Visiting.
5. Home Nursing.
6. Vaccination and Immunisation.
7. Ambulance Service.
8. Prevention of illness, care and aftercare; this includes the chiropody service, health education, loan of nursing equipment, and convalescence for those who have been ill.
9. Home Help Service.
10. Mental Health.
11. Arrangements for the welfare of blind, deaf and dumb, crippled and handicapped persons.
12. Provision of Residential Accommodation for the Aged and Infirm.

Your Medical Officer of Health, in his capacity as Divisional Medical Officer, is the Officer locally responsible for the administration of these services, and any enquiry in regard to them should be addressed to him :-

Dr. W.J. ELWOOD, D.P.H.,
Divisional Medical Officer,
Lancashire County Council Health Division No. 15,
33, Green Lane, PATRICROFT - Telephone 789 2651

MATERNITY AND CHILD WELFARE AND SCHOOL HEALTH SERVICE

A brief resume of the above services as available to residents in Eccles is given below :-

SERVICE	CENTRE	HOURS OF ATTENDANCE
ANTE-NATAL & POST NATAL	School Clinic, Corporation Road., Eccles.	Wednesday 9 a.m. to 11.30
CHILD WELFARE.. ...	1. School Clinic, Corporation Road, Eccles. 2. St. Mary Magdalene's School, Catherine Street, Winton. 3. Trinity Methodist Church, Alexandra Road, Eccles.	Monday 2 p.m. to 4 p.m. Tuesday 9 a.m. to 11.30 a. Wednesday 2 p.m. to 4 p.m. Thursday 9 a.m. to 11.30 a Thursday 2 p.m. to 4 p.m.
DENTAL... ..	School Clinic, Corporation Road, Eccles.	By appointment.
VACCINATION, AND IMMUNISATION (including Poliomyelitis)	School Clinic, Corporation Road, Eccles.	By appointment
MINOR AILMENTS. ...	School Clinic, Corporation Road, Eccles.	Monday & Thursday only. 9 a.m. to 11.30 a.m. Medical Officer in attendance Monday.
OPHTHALMIC	School Clinic, Corporation Road, Eccles.	Cases referred by School Medical Officer.
ORTHOPAEDIC... ..	School Clinic, Corporation Road, Eccles.	Cases referred by School Medical Officer.
ORTHOPTIC	School Clinic, Corporation Road, Eccles.	Cases referred by School Medical Officer.
SPEECH THERAPY ...	School Clinic, Corporation Road, Eccles.	Cases referred by School Medical Officer.

VACCINATION AGAINST POLIOMYELITIS

Persons of any age may arrange to be vaccinated by their family doctor

MIDWIFERY

The following are the names and addresses of the midwives practising in Eccles as at the date of writing :-

Mrs. M. Farrington 31, Westwood Cres., Eccles 789 3834
Mrs. M. Mitchell 10, Fletcher Avenue, Clifton.. ... 794 2503
Mrs. M. Ryan 36, Brookhouse Avenue, Eccles. ... 789 2447
Mrs. M. Baker... .. 4, Walker House, Cawdor St. Eccles 789 3684

HEALTH VISITORS

The services of the following health visitors are available in Eccles as at the date of writing :-

Miss P.A. Atkins)
Miss K. Bell... ..)
Mrs. M.D. Farmer)
Miss G.M. Geraghty.. ...)
Mrs. P. Wilding)
Miss N. Wilkinson... ..)

School Clinic, Corporation Road, Eccles,
789 1724

HOME NURSES

The Home Nurses normally work under the direction of the family doctor. The names and addresses and telephone numbers of the Home Nursing Sisters are :-

Mrs. A. Basson ...	... 23, Edenfield Lane, Worsley,	794 4427
Mrs. M.T. Devine..	... 10, Bowker Street, Little Hulton	790 3317
Mrs. E. Fulton ...	... 766, Liverpool Road, Eccles	789 2308
Mrs. M. Halliday..	... 36, Clarendon Road, Eccles	789 3009
Mrs. M.J. Thornily	... 74, New Lane, Eccles	789 1574
Mrs. E. Turner ...	... 26, The Nook, Winton, Eccles.	789 1646
Male Nurse: Mr. P. Baker	41, Bankhouse Road, Bury	764 5509

AMBULANCE SERVICE

In an emergency anyone may call an ambulance, by going to the nearest telephone and dialling 999.

In non-urgent cases request for ambulance transport can only be made by a doctor, midwife, responsible hospital official or dentist.

The telephone number is : 794 4343.

CHIROPODY SERVICE

A Chiropody Service is available for those who are aged, for registered handicapped persons and for expectant mothers. Applications should be made to the School Clinic, Corporation Road, Eccles.

II. SERVICES PROVIDED BY THE LANCASHIRE EXECUTIVE COUNCIL

Enquiries regarding these services should be addressed to the Secretary, Lancashire Executive Council, 42, West Cliff, Preston. Lists showing the names of family doctors, dentists, pharmacists and opticians who are under contract with the council can be seen at any Post Office or Public Library.

IV. PUBLIC HEALTH LABORATORY SERVICE

The Public Health Laboratory is situated at the Withington Hospital, Didsbury, Manchester, 22.

The results of samples and specimens submitted to the Public Health Laboratory Service are set out in Tables XVII, XVIII, and XX in the Appendix.

V. PUBLIC BATHS

There are two swimming baths, the larger pool containing approximately 60,000 gallons and the smaller pool 40,000 gallons. The water from both pools, which is obtained from mains supply, is circulated by an electrically operated pump to three 8ft. Bell's pressure filters which are capable of dealing with 24,000 gallons per hour. En route to the filters the water is chlorinated and alum added. After filtration, soda is added, and the water is heated and aerated. The whole of the water in the two baths can be passed through in four hours. The treatment of the water is controlled by regular estimations of the pH value and the amount of available chlorine. In addition to the two bathing pools, there are 16 slipper baths for males and 5 for females. The results of the samples of swimming bath water taken during the year are shown in Tables XVIII and XX(c).

Sauna Baths, opened to the public on 24th July, 1967 have proved to be so popular that an appointments system has been introduced; at the present time an average of 250 people are attending each week. A comprehensive ticket for the complete treatment which includes a sauna bath, body shampoo, vibro body massage, sun-ray treatment and refreshments costs 10/6d. from Monday to Friday and 12/6d. on Sunday.

VI. SERVICES PROVIDED BY VOLUNTARY ORGANISATIONS

The Eccles Old People's Welfare Association provides a residential hostel for 38 old people and a "Daily" Club, situated in Church Road, Eccles, which provides mid-day meals for elderly people. The Hon. Secretary is Mr. J.E. Greasby, 4, Nasmyth Road, Eccles. There are eight "Over 60" Clubs in the area, all affiliated to this association.

Honorary Secretary

Bright Road Over 60 Club (Meet each Wednesday at Presbyterian Church, Bright Road)	Mrs. L. Orton, 56, Cannon Street, Eccles.
British Legion Over 60 Club. ... (Meet each Thursday at British Legion Club)	Mr. A. Taylor, 2, Gladstone Road, Eccles.
Eccles Over 60 Club (Meet each Tuesday at the "Daily Club")	Miss Scott, 2, Doughty Avenue, Eccles.
Golden Hour Over 60 Club (Meet each Tuesday at "Greenbank" 140, Trafford Road)	Mrs. E. Piercy, 14, Oxford Street, Eccles.
Patricroft Over 60 Club (Meet each Friday at the Trinity Methodist Church, Alexandra Road)	Mr. T. Horsfield, 47, Haddon Road, Eccles.
Rowallan Over 60 Club.. (Meet each Monday at the "Daily" Club)	Mr. G. Davies, 31, Park Road, Eccles.
St. Michael's Over 60 Club.. ... (Meet each Thursday at St. Michael's Church Hall)	Mrs. Herricks, 28, Caröwell Road, Eccles.
Winton Over 60 Club (Meet each Thursday at St. Mary Magdalene's School, Catherine St.)	Mrs. D. Coote, 4, Grindle Green, Eccles.
There are other organisations which may help in meeting particular needs: application should be made to the persons named.	
British Legion (Eccles Branch)... (Services Committee)	Hon. Secretary, Mr. R. Martin, 6, Newlands Avenue, Eccles.
British Red Cross Society... ..	Miss A. Nugent, 28, Lawrence Street, Eccles.
C.H.S. (Cripples Help Society)... Eccles Citizens Advice Bureau ...	5, Cross Street, Manchester, M2 Mrs. A. Seddon, Monks Hall Museu Wellington Road, Eccles.
Eccles Civic Guild of Help.. ...	Hon. Secretary, Mrs. J.A. Keavene 81, Houghton Lane, Swinton.
Eccles & District Society for Mentally Handicapped Children ...	Mr. J.E. Edwards, 1, Charlton Avenue, Eccles.
Eccles & District Family Planning Association.	Hon. Secretary, Mrs. M.M. Addis, 10, Chatsworth Road, Eccles.
Ex-Services (Mental) Welfare Society	Sqdn. Leader J. Fitton, A.M.B.I. 3, Parsonage, Manchester, M3 2HF
Manchester & Salford Blind Aid Society	74, Gt. Bridgewater Street, Manchester, M1 5LB.
Manchester, Salford & District Marriage Guidance Council.	Mr. J.C. Collin, 312, Deansgate, Manchester, M3 4HB.
Muscular Dystrophy Group of Gt. Britain (Manchester, Salford & District Branch)	Hon. Secretary, Mr. T. Hargreaves 12, Connell Road, Baguley, Manch
Multiple Sclerosis Society.. ... (Salford & District Branch)	Mrs. D.C. Collier, 9, Glendale Road, Eccles.

National Society for the Prevention of Cruelty to Children	Mrs. H.I. Evans, J.P., 19, Rutland Road, Eccles.
Probation & After-Care Service (South East Lancashire Area)	Mr. J.A. Coop, Senior Probation Officer, 1, Vernon Grove, Eccles, M30 ONQ.
Soldiers' Sailors' & Airmens' Families Association	Hon. Secretary, Mr. H.R. Bailey, 25, Rutland Road, Eccles.
The St. John Ambulance.. (Eccles Division)	Div. Secretary, Supt. H. Collier, 17, Lulworth Road, Eccles.
Urmston & District Spastic Group.. ...	Hon. Secretary, Mr. N. Ellis, 7, Kendal Avenue, Flixton, Manchester.
Women's Royal Voluntary Service... ..	Centre Organiser: Mrs. M. Croft, 36, Wellington Road, Eccles.

PERMISSIVE PUBLIC HEALTH LEGISLATION IN FORCE IN THE BOROUGH.

Public Health Acts (Amendment) Act, 1890 (Parts 2, 3 and 4)
Eccles Corporation Act, 1901
The Public Health Acts (Amendment) Act, 1907 (Part 7 Sections 85 and 86)
Borough of Eccles (Offensive Trades) Confirmation Order, 1924
Public Health Act, 1925 (Part 2)
Slaughter of Animals Act, 1933 (Section 1)
Food & Drugs Act, 1955 (Sections 16 and 22)
Lancashire County Council (General Powers) Act, 1951 (Sections 13 and 14)

BYE-LAWS AND REGULATIONS IN FORCE IN THE BOROUGH

Good Rule and Government (Spitting)	6th August, 1920
Control of Dogs at Night Time	28th April, 1927
Smoke Abatement	16th December, 1929
Good Rule and Government (Littering)... ..	4th December, 1931
Common Lodging Houses	9th March, 1934
Nuisances	9th March, 1934
New Streets	1st June, 1939
Handling, Wrapping and Delivery of food etc. ...	26th March, 1950
Fouling of Footways by Dogs.. ...	1st June, 1952
Slaughter Houses... ..	1st October, 1956
Good Rule and Government of the Borough, and prevention of nuisances.. ...	1st August, 1959
Pleasure Grounds... ..	1st April, 1962
Hairdressers and Barbers	1st September, 1962
Public Conveniences	1st April, 1965
Building Regulations, 1965... ..	1st February, 1966
Shouting in any street or public place at night..	1st March, 1966.

REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE BOROUGH
OF ECCLES.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to submit my 13th Annual Report on the environmental health service of the borough and on the refuse collection and disposal services for the year ended 31st December, 1969.

The report and the tables at the end of the report will, I hope, convey some idea of the many and varied duties which are the responsibility of the department and also of the progress made since the middle 1950's which marked the beginning of a drive to make this country into a land fit to live in, at least from the point of view of environmental hygiene.

The staff of the department is complete once more following the appointment of Mr. G. Rowlinson as a pupil public health inspector in September 1969. Mr. D.J. Bradley (wages and accounts clerk) left local government and Mr. R. Eastham took his place. Miss Sandra Pearce (junior shorthand typist) took up the position of senior shorthand typist in the Housing Department and Miss B.A. Clare took her place. Miss C. Hughes joined the staff as clerk/typist.

The routine work of the department continued during the year with special emphasis being placed on the preparation, storage and sale of food.

Plans for the implementation of the Housing Act, 1969 ("old houses into new homes") have been drawn up and a scheme for the general improvement of the Station Road area of the borough was accepted subject to the necessary finance being available. Further areas have been earmarked as being suitable for general improvement and it is hoped that some progress can be made within the next financial year. It must be understood that most of the "twilight" houses in the borough are regarded as unsatisfactory units of living accommodation and consequently they must either be repaired and provided with the necessary amenities, or they must be demolished.

Once more I can report satisfactory progress in respect of collection and disposal of refuse from premises in the borough. It must be appreciated that the volume of refuse is increasing by about 8% every year and that requests for the removal of discarded household furniture and effects is increasing. The number of such requests has increased from 3,422 in 1968 to 4,815 in 1969. In spite of our various labour troubles, at the time of writing this letter we are pretty well up-to-date. The labour troubles to which I refer have been brought about by the inability of the council to meet the requests of the men for an increased bin bonus to compensate for the increased wage rates since the last review of the scheme, and also for the increasing amounts of extra refuse which is being put out with the bins. It is hoped that the proposed works study of the section will enable us to find an acceptable solution.

Our efforts in trying to secure a clean atmosphere have received a serious set-back. Eccles has always been to the forefront of local authorities implementing any legislation designed to enhance the welfare of the people in the town. Unfortunately, towards the end of the year we learned that there would be shortages of solid smokeless fuels due to the shut down of various works producing gas coke and phimax. I have attended many meetings and many committees on this subject and have expressed my disappointment in no uncertain terms. Officers in the adjoining local authorities have done likewise and resolutions have been forwarded to the government by all the organisations of which we form part. We have all done our best to improve matters, but it must be realised that there will be a shortage of solid smokeless fuels during the winter of 1970/71.

Our own council and many others have been forced to suspend smoke control orders. This is regrettable, but much as we appreciate the benefits of clean air, we must ensure that everyone is able to have the means of heating their houses available without fear of prosecution. It is known that solid smokeless fuel prices will be increased. Although promises have been made that the position will be eased by the winter of 1971/72, it is difficult to have real confidence in such statements. We can only hope that these statements are in fact correct, and that the powers that be will now provide us with a satisfactory fuel policy.

In 1959, I expressed the hope that the Clean Air Act would bring about a change that was unthinkable a few years ago - the abolition of the domestic open fire. Now I consider that all solid fuel fires will have been replaced in the next ten years except possibly in houses scheduled for demolition. There are many good reasons for this, but it is hoped that other forms of fuel will be readily and cheaply available, especially to the old and the poor.

I would like to express my thanks for the support and encouragement received from members of the Council and for the advice given by Dr. Elwood, Dr. Blackburn and officers in the other departments of the Corporation. I greatly appreciate the co-operation of members of my own staff during the year.

I am, Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

REGINALD MARTIN

Chief Public Health Inspector.

REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR.

1. HOUSING

(a) SLUM CLEARANCE (TABLE XII)

Details of Clearance Areas and individual unfit houses in respect of which orders were operative at the end of 1969 will be found in Table XII.

Since 1955, 2,699 houses have been demolished or closed. At the end of 1969 there remained 138 houses awaiting demolition or closure. In addition 563 houses are included in the 1968/73 Clearance Programme and 389 houses which will be included in the Clearance Programme unless repaired and improved. The real "slums" of Eccles have been removed due to the efforts of the Council.

(b) DEFECTS AND REPAIR (Tables XIII and XIV)

During the year, 5,308 houses were inspected and 6,647 inspections were made. Complaints investigated totalled 286; 101 houses, not included in slum clearance proposals, were made fit for habitation.

As a result of the slum clearance drive over the years, there has been a steady decline in complaints relating to major defects of disrepair. Consequently more attention can be paid to the prevention of serious deterioration in dwelling houses.

It was not necessary to initiate legal proceedings during the year.

(c) RENT ACT, 1957 and 1965 (Table X)

It will be seen from Table X that no applications for Certificates of Disrepair were received during the year; no certificates were issued or cancelled. The Rent Act, 1965 repealed most of the 1957 Act and amended the Protection from Eviction Act, 1964. The Act introduces administrative machinery for the registration of rents and the appointment of Rent Officers for each registration area. This portion of the Act is administered by the County Councils and County Borough Councils. The Rent Officer for Area number 12 which includes Eccles, is :-

Mr. W. Hargreaves,
86, Liverpool Road,
Eccles. Telephone: 789 1632

(d) HOUSES IN MULTIPLE OCCUPATION

At the end of the year there were 98 houses which were in multiple occupation. Thirty-eight of these houses are considered to be satisfactory. The remaining 60 houses are considered to be unsatisfactory, and 42 of these require means of escape in case of fire. The Housing Act of 1969 will assist in the improvement of some of these houses.

(e) IMPROVEMENT GRANTS (Housing Acts, 1957 - 1964, Housing (Financial Provisions) Act, 1958, House Purchase and Housing Act, 1959)

According to the 1961 Census, 3,506 households in the Borough had not the exclusive use of cold and hot water taps, fixed baths and water closets. Of these, 2,040 households were entirely without hot water, and 2,929 households were entirely without fixed baths.

In August 1969 the long awaited proposals in the Ministry of Housing and Local Governments' White Paper "Old Houses into New Homes" became reality in the Housing Act, 1969. This Act provides a new system of improvement grants, introduces a new system for general improvement of dwellings and amenities in an area, and provides for a new system of rental for houses with all amenities and in good repair.

There are now three kinds of grant available for the improvement of older type houses.

(i) DISCRETIONARY GRANT

These are paid at the discretion of the local authority for thorough improvement to a high standard or the complete conversion into flats. To qualify for a discretionary grant the improved dwelling must comply with the 12 point standard laid down. The grant now payable is up to one half of the approved estimated cost up to a maximum of £1,000 per house or flat. However, where flats are provided by the conversion of a house or building of three or more storeys, the maximum grant is £1,200 per flat.

(ii) STANDARD GRANT

These are paid to help meet the cost of improving houses by providing for the first time any missing standard amenities. The amount of grants now payable on each amenity is as follows:-

(a) Fixed bath or shower in a bathroom	£ 30
(b) Wash hand basin	£ 10
(c) Sink	£ 15
(d) Hot and cold water supply at a fixed bath or shower	£ 45
(e) Hot and cold water supply at a wash hand basin	£ 20
(f) Hot and cold water supply at a sink	£ 30
(g) Water closet	£ 50

In certain circumstances additional grants may be paid.

To qualify for a standard grant, to which owner occupiers or landlords are entitled

- (a) the house must have been in existence before 3rd October, 1961;
- (b) the amenities must be provided for the exclusive use of the occupants; and
- (c) the local authority must be satisfied that the house has a life exceeding 15 years.

(iii) SPECIAL GRANT

These grants are available for the basic improvement of houses in multiple occupation. They are paid at the discretion of the local authority and the amount of grant is half the cost of the improvement works depending on the amenities installed based on the standard grant requirements.

During 1969, one application was received for discretionary and 59 for standard grants under the old legislation. No applications were received for discretionary grants, 54 for standard and none for special grants under the present legislation. Work was completed at a total of 103 houses.

Part II of the Housing Act, 1969 empowers a local authority to declare areas to be general improvement areas and to publicise the procedure to be adopted in dealing with these areas.

ENVIRONMENTAL IMPROVEMENT SCHEMES

In December, 1969 a report on the environment and amenities in the Station Road Area of Trafford Ward was submitted to a General Purposes (Special) Sub-Committee of the Council. The area comprises 296 houses, a nursery school, 16 lock-up garages, a post office and a bank. There are also 18 houses included in the current clearance programme within the improvement area. The area is residential and is surrounded by light industry and modern housing. The majority of the houses are terraced, built 1902 - 1909. The plans submitted to the Council showed features in the area including

- (a) amenity areas with pedestrian access only;
- (b) service roads;
- (c) landscaping with provision for the parking of cars and servicing;
- (d) one-way traffic system; and
- (e) land earmarked for car parking and garages.

The costs of carrying out the environmental and housing improvements were estimated in excess of £100,000. The scheme was approved in principle by the sub-committee and negotiations with various owners of properties in the area have taken place. These owners have all agreed to the improvement of their properties. The Council agreed to the scheme in principle, but suspended the implementation until the economic situation eased.

Although no further action has been taken in respect of the Barton Ward Improvement Areas declared under the Housing Act, 1964, the standard of improvement is increasing at a reasonable speed.

More landlords are taking advantage of these generous grants. All houses which are not likely to be the subject of slum clearance procedure, or to be needed for highway or other re-development, should have these amenities. Arrangements are also continually being made with owners of individual blocks of property to secure proper improvement and repair and this seems a worthwhile way of progressing as well as by General Improvement Areas.

Under the Housing Act, 1969 a new procedure for deciding rents was introduced. The main purpose is to encourage improvements and repairs of older houses and the Act lays down a new standard for the purpose of deciding rents.

If a dwelling is improved to reach the new standard (or if it already reaches it) the tenancy can be changed from a controlled to a regulated one.

To qualify for the required standard the dwelling

- (a) must have all the standard amenities;
- (b) must be in good repair, having regard to its age, character and locality; and
- (c) must be fit for human habitation.

If it satisfies the standard, a qualification certificate can be issued, following which the rent officer may fix a fair rent.

(f) DISINFECTION AND DISINFESTATION OF PREMISES

(1) Disinfection

Disinfection of premises is carried out with white disinfecting fluid using a germicidal spray. Infected bedding and other articles which are suitable for steam disinfection are treated at the Ambulance and Disinfecting Station, Monsall Road, Newton Heath, Manchester, 10.

(2) Disinfestation

A total of 89 premises, of which 33 were houses owned by the corporation were treated by the Pests Officer to eradicate insect pests.

(g) SANITARY ACCOMMODATION IN DWELLING HOUSES

There are in the Borough :-

Fresh water flushed closets	18,119
Waste water flushed closets	1
Pail closets	18
Dustbins... ..	15,632
Baths.	12,198

Five waste-water flushed closets were converted to fresh water closets during the year.

The pail closets are, with one exception, at houses and farms in the Barton Moss area. Manchester Corporation Cleansing Department, the owners of the land, have constructed small sewage disposal plants to serve suitable groups of premises in the area. It is hoped that the majority of these pail closets will be replaced in the next few years.

2. ADMINISTRATION (Tables XIII and XIV)

During the year 20,490 primary inspections or enquiries and 5,050 revisits were made. The number of defects or nuisances discovered was 6,889 and defects or nuisances remedied or abated totalled 7,072. 305 informal letters or notices were sent out and 170 statutory notices were served as detailed below.

Act and Section under which served	No. served in year	No. abated in year	Prosecutions
Public Health Act, 1936, Section 39	22	17	-
Public Health Act, 1936, Section 45	3	4	-
Public Health Act, 1936, Sec.93-103	118	125	1
Public Health Act, 1961, Section 17	4	1	-
Public Health Act, 1961, Section 26	23	-	-
	170	171	1

During the year, information was given in respect of 548 Land Charge Searches, and 114 enquiries relative to the "life" of houses in the Borough were dealt with by the staff of the department.

3. ATMOSPHERIC POLLUTION

Since 1961 the level of pollutants in the atmosphere of the borough has steadily decreased. Sulphur dioxide has, however, shown an upwards trend during the past two years. An investigation into the main factors influencing atmospheric pollution has been carried out. This covered a seven year period, the months of October to March (inclusive) when pollution is at its highest being used. Temperature, inversion conditions, rainfall and operative smoke control areas were separately assessed and the histograms on pages 24 and 25 show the trends for all these factors. In each diagram, the average for the seven years under investigation is shown by the horizontal line. In Figures 3, 4, 5 and 6, anything above that line could increase pollutants, whilst anything below the line should give a decrease in pollutants.

Figures 1 and 2 show the trend for smoke and sulphur dioxide measurements from the four atmospheric pollution stations in the borough over the seven winters.

Figure 3 shows the trend in temperatures and is based upon a method now being used in several countries "Degree Days". A "Degree Day" is the daily difference between 60°F and the outside temperature e.g:- if the difference is 5°F for one day (55°F) then this equals 5 Degree days, which would be the same as 1°F (59°F) difference for 5 days. As well as giving an accurate method of comparing one winter with another in respect of temperature, the number of "Degree Days" in a winter is directly proportional to the heating requirements of our homes, factories etc., and the fuels used. Degree Day tables are issued by the Gas Council for most areas.

Figure 4 shows the percentage of "Calms" or periods when there are little or no winds and inversion or foggy conditions could occur. Winds tend to disperse and dilute pollutants. Information from the daily weather reports at Ringway Airport was used to collate the information for this histogram.

Figure 5 shows the trend for "Rainfall" over the seven winters. Rain could wash some of the pollutants from the atmosphere especially gases. Information from the boroughs Water Pollution Control Works has been used to build up this histogram.

Figure 6 shows the progress of operative smoke control areas during the same period. One would expect that as more dwellings become smoke controlled the atmosphere in the borough should become cleaner.

OBSERVATIONS

The winter of 1962/63 was the most heavily polluted and had the highest number of "Degree Days", "Calms", very little rainfall and only 1,000 dwellings smoke controlled.

The high "Degree Days" and "Calms" during 1964/65 had no effect on smoke or sulphur dioxide measurements that year both still showed a decrease. Favourable "Degree Day", "Calms" and Rainfall levels during 1966/67 gave the lowest sulphur dioxide measurements during this period. A return to less favourable conditions during 1967/68 and 1968/69 led to the upward trend of sulphur dioxide to near the average mark, but has had little effect on smoke measurements which have continued to fall.

CONCLUSIONS

Smoke measurements are only marginally affected by temperature, inversions and rainfall, and markedly follow the trend shown by smoke control progress. This bears out recent investigations which have concluded that 90% of all smoke is from domestic sources.

During the year Prof. P.J. Lawther, the Director of the Medical Research Council (Air Pollution Unit), stated that on the present state of knowledge, smoke in any concentration is undesirable and could well constitute a hazard to health. He further stated that winter average smoke concentrations of less than 100 microgrammes per cubic metre of air sampled should be the achievable target for the present time.

Even though a reduction of 60% has been achieved in the borough, our winter average smoke concentration is 170 microgrammes per cubic metre which is 70% more than that considered acceptable by Prof. Lawther.

Sulphur dioxide measurements appear to be much more influenced by the elements, especially rainfall, the trends shown in Figures 2 and 5 being identical. It is essential that sulphur dioxide measurements are evaluated along with other influencing factors.

Sulphur dioxide is not wholly eliminated by smoke control unless gas or electrical appliances are installed. Many factories have now changed to oil firing which on average has a much higher sulphur content than solid fuels. However, it is a fair assumption that sulphur dioxide measurements have been reduced by 25% since 1962/63, our average concentration being 281 microgrammes per cubic metre of air sampled in 1969. On sulphur dioxide emissions, Prof. Lawther stated there was no evidence to show that reasonably low concentrations of sulphur dioxide were of themselves harmful; if the concentrations of smoke were low, he would be inclined to accept peak concentrations of up to 1,000 microgrammes of smoke per cubic metre.

WINTER - 1st OCTOBER to 31st MARCH

1962/63

1963/64

1964/65

1965/66

1966/67

1967/68

1968/69

FIGURE 1 - SMOKE - MICROGRAMMES PER CUBIC METRE

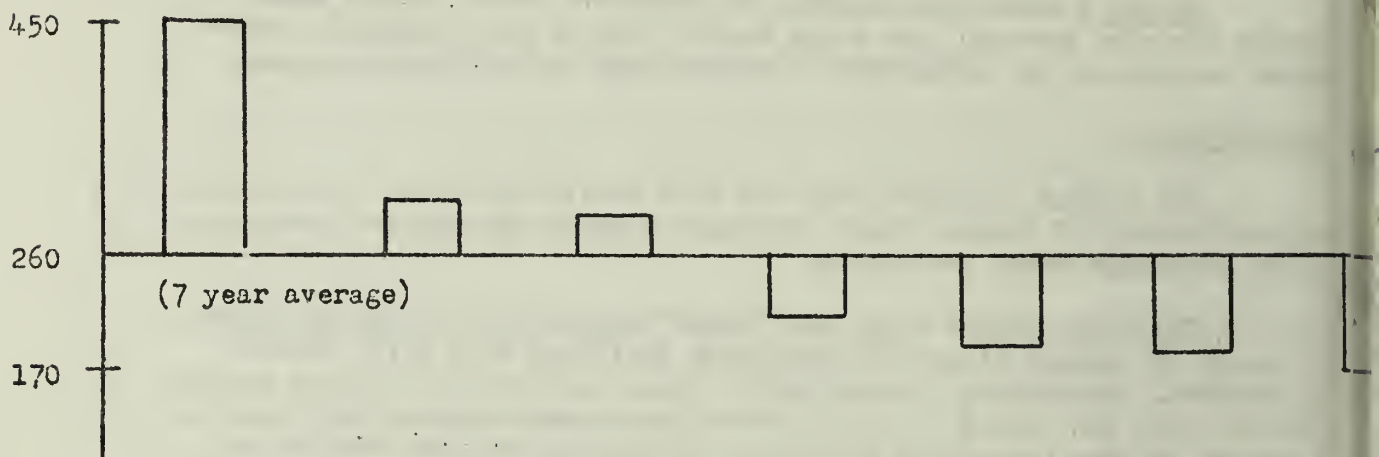


FIGURE 2 - SULPHUR DIOXIDE - MICROGRAMMES PER CUBIC METRE

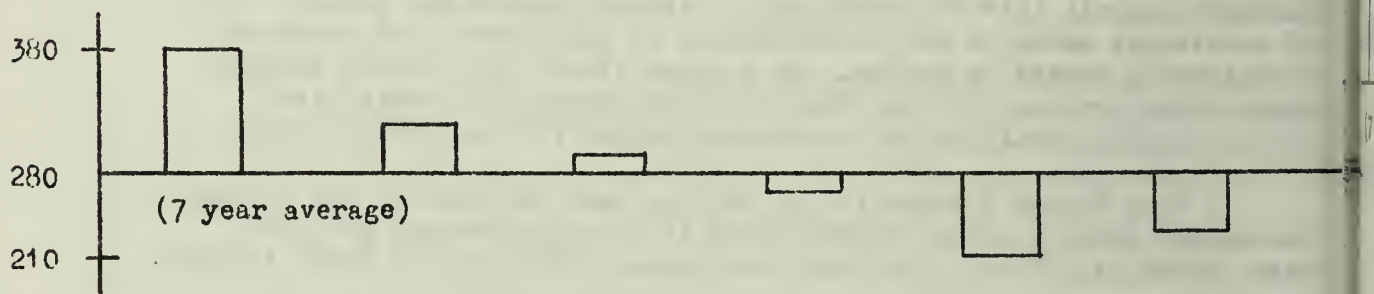
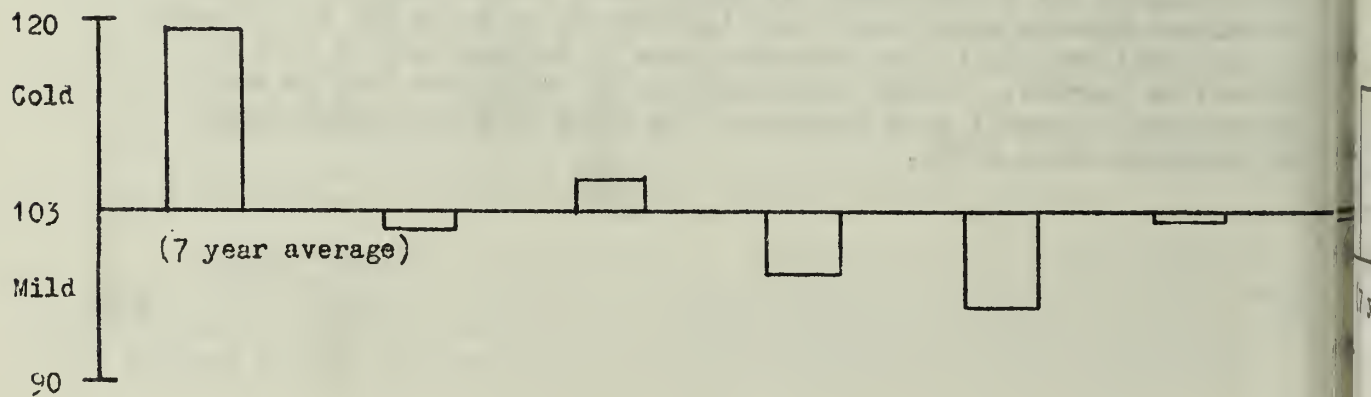


FIGURE 3 - DEGREE DAYS



1962/63 1963/64 1964/65 1965/66 1966/67 1967/68 1968/69

FIGURE 4 - CALMS

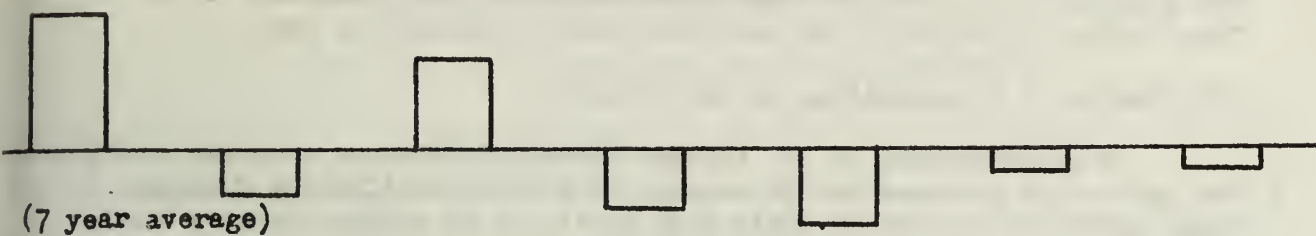


FIGURE 5 - RAINFALL

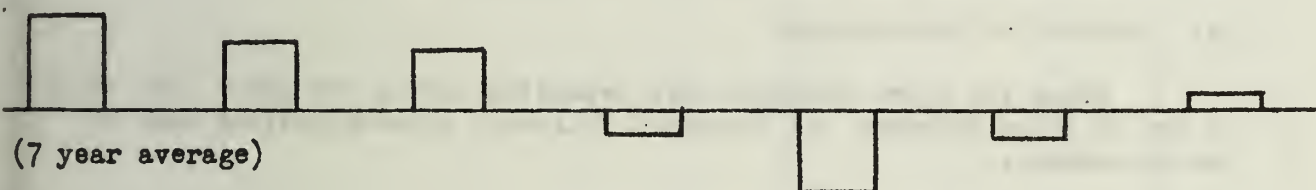
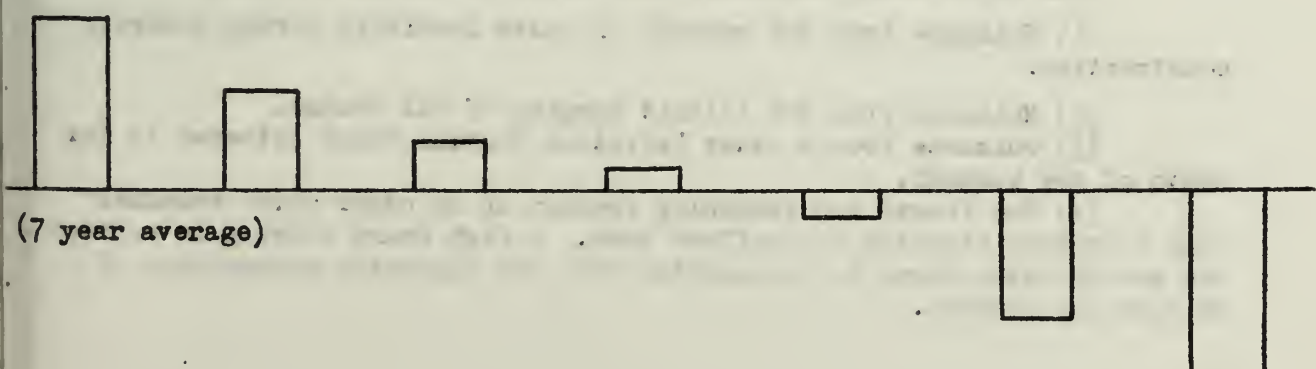


FIGURE 6 - DWELLINGS IN OPERATIVE SMOKE CONTROL AREAS



ADMINISTRATION OF THE CLEAN AIR ACT, 1956

(a) Sections 1, 19 and 20 (Black and dark Smoke Emissions in Excess of the Permitted Periods).

1,795 observations were made on chimneys of industrial premises, and shipping. 59 black and dark smoke emissions were observed, 18 of these being in excess of the permitted periods allowed by law.

(b) Section 3 (Installation of New Furnaces)

9 notifications of new furnace installations were received during the year. One of these was to replace an old and inefficient furnace. Where possible, the use of fuels with little or no sulphur content was agreed in most of the new installations viz :-

<u>Type of fuel used.</u>	<u>Sulphur content</u>	<u>Number of furnaces</u>
Gas oil (26/35 seconds viscosity)	Less than 1%	7
Residual Oil (950 & 3,500 seconds viscosity)	Average 3.0%	2
		<hr/> 9 <hr/>

The only furnaces using a fuel with a high sulphur content discharge their combustion gases into chimney stacks 92 ft. and 100 ft. high which prevent conditions prejudicial to health or a nuisance arising. Two firms intended using oil with a high sulphur content, but were persuaded to use oil which had a lower sulphur content. Consequently the amount of sulphur dioxide emitted from these plants will be reduced by 25%.

(c) Section 10 New Chimneys

Plans for 9 new chimneys were deposited during the year. The height of two of these chimneys was increased following representations made by the department.

(d) Sections 11 - 15 Smoke Control Areas

12 Smoke Control Orders are now in operation and 3 more Orders have been confirmed. These will come into operation during 1971.

Some 1,203 observations were carried out on premises in these smoke control areas.

(e) Section 16 Smoke Nuisances

12 smoke nuisances were reported to the Public Health Committee during the year. These concerned mainly demolition contractors and scrap metal dealers.

(f) Odour Nuisances

Four major odour nuisances were detected during the year.

(1) Nuisance from the removal of waste chemicals during motorway construction.

(2) Nuisance from the illicit dumping of oil sludge.

(3) Nuisance from a Water Pollution Control Works situated to the south of the borough.

(4) The fourth and remaining problem is an odour which emanates from a factory situated in Trafford Park. A High Court hearing is awaited - the action being taken in conjunction with the adjoining authorities of Salford and Urmston.

CONTRAVENTIONS OF THE CLEAN AIR ACT
AND DARK SMOKE PERMITTED PERIODS REGULATIONS

Type of Contra- vention.	Industrial and boilers and furnaces				Vessels			
	1966	1967	1968	1969	1966	1967	1968	1969
Dark Smoke								
Smoke as dark as shades 2 and 3 on a Ringelmann Chart ..	9	12	21	12	4	1	3	1
Black Smoke								
Smoke as dark or darker than shade 4 on a Ringelmann Chart.	3	2	2	2	4	1	4	-
Prosecutions Sec. 1 and 19)	-	1	-	-	-	-	-	-
Contraventions of Clean Air Act standards involving Crown property (not included above) see note (a) below. . . .	1	3	9	3	-	-	-	-
Smoke nuisances dealt with (Section 16) not all from boilers or furnaces. See note (b) below. . . .	2	8	14	13	-	-	-	-

- Notes (a) Crown property is not subject to the provisions of the Clean Air Act, but is expected to comply. Discussions with the appropriate government departments have yielded satisfactory results.
- (b) These figures include smoke from low chimneys, and from the burning of trade waste on open land and in badly designed incinerators, firing complete houses by demolition contractors and burning out motor vehicles by scrap metal dealers.

Industrial Boilers, furnaces and Incinerators.

Changes in Firing Methods (Excluding Railway Locomotives)

	Hand Fired			Mechanical Stokers (Coal)								
	Bituminous Coal	Solid Smokeless fuel	Incinerators (refuse)	Sprinkler	Coking	Underfeed	Chain Grate	Pulverized fuel				
Numbers of industrial boiler furnaces and incinerators fired or heated by methods shown, before 1st January, 1957.	67	54	10	10	5	4	1	1	14	7	-	173
Numbers of industrial boiler furnaces and incinerators fired or heated by the methods shown at 31st December, 1968.	1	18	5	-	2	8	2	-	135	21	4	197

During the year :-

- * 1 old and inefficient boiler and furnace has been replaced.
- * 8 new boilers and furnaces have been installed.

Prior approval of New Furnace Installations (Section 3)

Application for approval received	Four
Not approved	Nil
Approval not sought	Five

Chimney Heights (Section 10)

New chimneys erected without amendment	6
New chimneys erected after amendment	1

The number of premises subject to operative Smoke Control Orders is at present 7,954. Over 900 council owned dwellings are smokeless by condition of tenancy or by design. It is estimated that smoke emission from domestic sources has been reduced by 1,200 tons per year or 62% of the total smoke discharged within the Borough prior to smoke control.

(d) Smoke Control Areas

The following table shows the position at the time of preparing this report, of the Council's Smoke Control Programme.

Brief Description of Area	Type of Premises				Acre- age	Date Oper- ative
	Dwellings	Indus- trial	Commer- cial	Other		
Brookhouse Estate	696	2	6	3	122	1.10.61
All other land west of M.62	630	8	29	6	1,433	1.1.62
Ellesmere Park Council Est. and adjoining houses	573	2	7	-	92	1.9.62
Westwood Park Ward-West of Worsley Rd.	519	7	22	8	142	1.8.63
Winton Ward, part between M.62 and New Lane	417	9	28	6	131	1.7.64
Barton Ward, part between M.62 and Peel Green Road	525	2	18	7	125	1.7.65
Barton Ward, part bounded by Peel Green Rd, Liverpool Rd. and Barton Rd.	1,192	24	70	111	102	1.7.66
Westwood Park Ward, part, bounded by Parrin Lane, Bridgewater Canal,M/cr. to Liverpool Railway, New Lane & Worsley Rd.	768	18	23	57	100	1.7.67
Westwood Park Ward, part, bounded by Worsley Rd. Worsley boundary, Bridgewater Canal, Westwood Crescent.	679	2	7	40	76	1.7.68
Westwood Park Ward,part, bounded by Worsley Bdry, Bridgewater Canal, bdry. of 8B Smoke Control Area and Worsley Rd.	725	1	42	39	56	1.7.69
Patricroft Ward, part, bounded by Bridgewater Canal, Eccles Tyldesley & Wigan Railway. Wellington Rd., Monton Rd. and Hampden Grove.	99	8	32	3	77	1.7.69
Winton Ward,part bounded by M/cr./Liverpool Railway. Bridgewater Canal, Liverpool Rd. and New Lane.	427	3	47	38	47	1.10.69
Trafford Ward part bounded by Liverpool Rd., Lewis St., Trafford Rd, & Bridgewater Canal.	646	8	30	87	45	1.7.70
Monton & Park Ward (Part) Patricroft Ward (Part) bounded by Borough boundary with Swinton & Clifton Branch Rail- way & Eccles, Tyldesley & Wigan Railway Line.	907	14	19	21	46	1.6.71
Trafford Ward part, bounded by Liverpool Road, Lewis St., Trafford Road & Renshaw St.	118	8	30	87	45	1.6.71
Totals	8,921	116	410	483	2,638	

4. INSPECTION AND SUPERVISION OF FOOD (Tables XVI to XXII)

(a) General

All the premises used for the manufacture, storage, preparation and sale of food were inspected during the year. Contraventions of the Food Hygiene Regulations which were discovered were speedily abated. The standard of hygiene in most of the food premises in the Borough is satisfactory.

Legal proceedings were instituted on four occasions during the year. One case was taken under Food Hygiene (Markets, Stalls and Delivery Vehicles) Regulations, 1966 (as amended). The defendant pleaded guilty and was fined £1 on each of 8 counts with £3.3.0d. advocate's fees. Three cases were taken under Section 2 of the Food and Drugs Act, 1955. In two cases the defendants pleaded guilty and were fined £3 and £5 with advocate's fees of £3.3.0d. in each case. In the third case, whilst the case was proved, the defendants were given an absolute discharge on payment of £5.5.0d. advocate's fees.

During the year under review 34 complaints were received in respect of food containing foreign bodies. All the complaints were investigated. Three of these complaints resulted in the legal proceedings mentioned above. The remaining complaints were fully investigated and reported to the Public Health Committee. Warning letters were sent to the suppliers or manufacturers or both.

(b) Sampling of Food and Drugs (Table XVII)

79 samples of food and drugs were submitted to the Borough Analyst during the year. These comprised 18 samples of milk, 58 samples of other food and 3 samples of drugs. 12 samples were reported by the Borough Analyst to be unsatisfactory, as detailed on page 31.

24 samples were examined under the Public Health (Preservatives in Food) Regulations, 1925-1953. All were satisfactory.

(c) Pesticide Residue in Foodstuffs

Due to staff shortages in the laboratory it was again not possible to examine samples taken in connection with either the "National" or the "Local" survey. Since the scheme commenced on 1st August, 1966, 13 samples have been examined. All have proved to be satisfactory.

(d) Milk Supply (Tables XVII, XIX and XX)

All the samples submitted to the Public Health Laboratory complied with the prescribed standards of their respective grades. The average composition of the 36 samples of milk, other than Channel Islands Milk was 3.65% fat and 8.72% non-fatty solids. The average composition of the 3 samples of Channel Islands milk was 4.38% fat and 9.00% non-fatty solids. The minimum requirements laid down are 3% fat and 8.5% non-fatty solids and 4% and 8.5% respectively.

(e) Ice-Cream (Tables XVI, XVII and XX)

During the year, 5 samples of ice-cream were submitted to the Public Health Laboratory for bacteriological examination. All were proved to be satisfactory. No contraventions of the Ice-Cream (Heat Treatment) Regulations 1959 was observed. All retailers purchase their supplies from the nationally known manufacturers.

ADULTERATED OR IRREGULAR SAMPLES

Sample No.	Article	Nature of Adulteration or Irregularity	Observations
/69	Scotch Cheddar Cheese (Complaint)	The cheese was contaminated by a mould growth of the <i>Penicillium</i> species.	Warning letter sent to suppliers.
354	Invert Sugar	Although the sample was labelled invert sugar it consisted of dextrose monohydrate	Label to be amended.
369	Maturing Agent	Article did not comply with Sec. 4(3) of the Labelling of Food Order 1953 in that the label did not specify the ingredients present	Packers informed Label amended
/69	Almond Tart (Complaint)	Embedded in the filling of the tart was a small insect identified as an Australian Spider Beetle (<i>Ptinus Tectus</i>)	Legal proceedings instituted. Defendants fined £3. plus £3.3.0. costs.
4/69	Lemonade (Complaint)	Lemonade had a paraffin like smell and flavour. Screw cap of bottle was contaminated with paraffin to the extent of 350 parts per million v/w.	Warning letter sent to Bottlers.
383	Choc. Ice	Fat content only 3.4 per cent i.e. less than the minimum of 5 per cent prescribed by the Food Standards (Ice Cream) Regulations, 1959.	Further sample to be taken.
6/69	Chips	Contained cigarette filter tip.	Warning letter sent.
393	Prunes, dried	Technical infringement of the Labelling of Food Order.	Packers notified
403	Sunflower Oil	Consisted of Arachis oil and not sunflower oil as labelled.	Suppliers notified & cautioned.
415	Macapan	This was an imitation marzipan. Although not generally for retail sale, it was thought advisable to draw attention to certain possible consequences which might arise as a result of the label and accompanying leaflet.	Suppliers notified.
7/69	Chips	Cockroach present which had been fried with the chips.	Legal proceedings taken. £2 fine plus £3.3.0. advocates fees.
8/69	Steak Pie	Fragments of cockroach present	Legal proceedings taken. £5 fine plus £5.5.0. advocate's fees.

(f) Meat and Food Inspection (Tables XXI and XXII)

There are no slaughterhouses in the Borough. The majority of the butchers obtain their meat supplies from the Manchester Wholesale Market. Much of this meat is obtained from the Manchester City Abattoir at Phillips Park, Manchester, this being a modern slaughterhouse opened in July, 1966.

(g) Merchandise Marks Act, 1926

A number of minor infringements were observed by inspectors, and verbal warnings given.

(h) Hawkers of Foodstuffs

29 hawkers are registered under the Lancashire County Council (General Powers) Act, 1951. These are classified as follows :-

Bread and confectionery	1
Eggs and poultry	1
Fish and greengrocery	1
Greengrocery	5
Grocery and greengrocery	1
Ice-cream	15
Meat	3
Shell fish	2

All vehicles known to be used have been inspected and defects, where observed have been remedied.

(i) Labelling and composition of foodstuffs

All samples of food submitted to the Borough Analyst are examined to detect contraventions of the Labelling of Food Order, 1963 and of the many orders dealing with the composition of food.

The food standards are continually under review by a committee representing all interests.

5. PUBLIC CONVENIENCES

The cleansing and maintenance of the public conveniences listed below is vested in the Public Health Committee.

SITUATION	ACCOMMODATION		
	Females	Males	
	w. c's	w.c's	Urinal Stalls
Bus Station, Lane End	6	3	6
Trafford Road	3	2	4
Peel Green	3	2	6
Winton Library	2	2	3
Barton Bridge, Barton Lane	3	2	6
Monton Green	3	2	3
Nelson Street	3	2	6
Central Area	5	2	6

The cost of repairs was £524.6.6d. compared with £516.13.0d. in 1968, and £372.19.7d. in 1967. Much malicious damage has again been caused in all the conveniences.

The public conveniences at Wellington Road were closed to the public on 1st December, 1969 and were subsequently demolished during March, 1970 as part of the Motorway construction.

The public conveniences situated in the new shopping precinct were opened on 1st December, 1969.

6. MORTUARY ACCOMMODATION

The cleansing and maintenance of the mortuary is vested in the Public Health Committee. It is situated in the Town's Yard, and provides cold storage for six bodies, a post-mortem room, a viewing room, a reception room and a room for the surgeon.

The mortuary was used for the reception of 74 bodies during the year.

7. CANAL BOATS

The only boats delivering coal to wharfs in the Borough are "day boats" which are not used as living accommodation. The other traffic on the Bridgewater Canal merely passes through the district. All tugs are fitted with diesel engines.

8. DISEASES OF ANIMALS ACT, 1950.

(a) Swine Fever

No orders affecting Eccles were made during the year.

(b) Foot and Mouth Disease

No orders affecting Eccles were made during the year.

(c) Fowl Pest

No orders affecting Eccles were made during the year.

(d) Diseases of Animals (Waste Food) Order, 1957.

The principal requirements of this Order are that all "waste food" intended for consumption by animals or poultry must be boiled for one hour in a plant licensed for this purpose by the local authority. There are 5 such plants in the Borough.

9. PREVENTION OF DAMAGE BY PESTS ACT, 1949 (Table XXVI)

The Act requires every local authority to ensure, as far as practicable, that the district is kept free from rats and mice. Owners and occupiers of land and premises are required to take all the necessary steps to eradicate rodents, and to notify substantial infestations to the local authority.

The department employs a Technical Assistant who carries out the rodent extermination work. This service is provided free of charge to occupiers of private dwellings. Business premises are treated at the request of the owners or occupiers on a chargeable basis. During 1969, 583 treatments were carried out and £127.1.7d. was realised from treatments at business premises.

The treatment of the sewerage system in the Borough is carried out by the Borough Engineer and Surveyor's Department.

10. OFFENSIVE TRADES

There are two offensive trades established within the Borough :-

<u>Location</u>	<u>Trade</u>
Land adjoining 22, Worsley Road	Rag and bone dealer
Premises in Montonfields Road	Tripe boiler and tallow melter.

Regular inspections of these premises were carried out during the year.

11. HEALTH EDUCATION

Health Education is pursued wherever possible by advice and information given informally to members of the public, and by formal lectures to interested organisations. Pupil Nurses from Ladywell Hospital and student Social Workers from the Manchester College of Commerce visited the department for lectures (as part of their training) on the environmental health services provided by this authority.

12. ANIMAL WELFARE ACTS

The department is responsible for administering the following legislation.

- (1) Pet Animals Act, 1951
- (2) Animal Boarding Establishments Act, 1963 and
- (3) The Riding Establishment Acts, 1964/1970.

The purposes of these Acts is to ensure the health, welfare and safety of pet animals etc. Licences were granted in respect of 5 Pet Shops and 1 animal boarding establishment.

13. SHOPS ACT, 1950 (Table XXV)

There were 740 occupied shops in the Borough at the end of the year. All the shops were visited to ensure compliance with the requirements of the Act. It was not necessary to take legal action during the year.

14. OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

During the year, 30 premises were registered in accordance with the Act. The table below shows the number of premises registered at the end of the year and the number of persons employed at these premises. A total of 358 visits were made during the year and since the Act came into force all registered premises have been visited. Most premises were satisfactory and contraventions of the Act appear to be of a minor nature, i.e. abstract of the Act not displayed, absence of thermometers and adequate first aid facilities not provided. When such contraventions were discovered they were quickly remedied by informal action.

Twenty-eight accidents were notified to the department during the year in accordance with Section 48 of the Act. Twenty of these accidents occurred at a large mail order warehouse, and investigation revealed that the majority of these accidents were caused through carelessness on the part of the employees concerned. None of the twenty-eight accidents proved to be fatal.

Premises		Employees		
Type	No.	Males	Females	Total
Offices	109	475	301	776
Retail Shops	279	353	841	1,194
Wholesale shops & Warehouses	18	315	1,465	1,780
Catering establishments & canteens	62	181	243	424
Fuel Storage Depots	1	5	-	5
	469	1,329	2,850	4,179

15. HAIRDRESSERS AND BARBERS

On the 1st September, 1962 bye-laws made by the council under Section 77 of the Public Health Act, 1961 came into operation.

The purpose of these bye-laws is :-

- (a) To secure the cleanliness of premises in which the business of hairdresser or barber is carried out.
- (b) To secure the cleanliness of instruments, towels, materials and equipment used in those premises.
- (c) To secure the cleanliness of hairdressers or barbers working in those premises.

Any person who offends against any of these bye-laws is liable, on summary conviction, to a fine not exceeding £5.0s.0d.

There are 43 hairdressers in the borough; 28 ladies hairdressers, 13 gentlemen's hairdressers and 2 ladies and gentlemen's hairdressers. All businesses have been inspected and all are satisfactory and all are in a satisfactory condition.

16. NOISE ABATEMENT ACT, 1960

This Act made provision for the control of noise and vibration. Any noise or vibration which is a nuisance is a statutory nuisance for the purpose of Part III of the Public Health Act, 1936. During the year, 6 complaints were received and investigated. These complaints were resolved informally and it was not necessary to take legal action.

17. REFUSE COLLECTION AND DISPOSAL (Tables XXVII. to XXIX)

(a) Refuse Collection

I am pleased to report the continued success of the incentive bonus scheme which was first introduced in 1956. Since that time it has become the practice that all bins from domestic, commercial and trade premises are emptied weekly. The only exception to this rule is during those weeks containing a public holiday.

The estimated weight of refuse collected during the year was 15,275 tons compared with 16,860 tons in 1968. Excess refuse from domestic premises continues to be collected upon request. This service is in growing demand and stretches the resources of the refuse collection service to the limit. However, this is a very necessary service and greatly assists in keeping the town tidy, but there are still far too many instances of dumping on spare ground. During the year this type of refuse was removed from 4,815 premises, compared with 3,422 in 1968; and 2,677 in 1967.

(i) Staff

Absenteeism due to all causes was 358 man days compared with 640 in 1968. Of this total, 67 man-days were lost as a result of industrial injuries.

(ii) Trade Refuse

Trade refuse is collected at weekly intervals from most of the business premises in the town and twice weekly from shops in the town centre. The income derived from this source during the year was £2,432 compared with £2,604 in 1968.

(iii) Civic Amenities Act, 1967

Part III of the Act places a duty on a local authority to :-

(a) Provide a place where refuse other than business refuse, may be deposited free of charge to all local residents. The Devonshire Road Depot and the controlled tip have been so designated for the deposit of refuse, during normal working hours, for a number of years. Few residents take advantage of this facility, perhaps because of the excellent collection service previously mentioned.

(b) Remove and dispose of vehicles abandoned on any land or highway subject to certain provisions.

Abandoned or unwanted motor vehicles are collected for disposal by a local firm. The owners of those vehicles where known, are charged with the cost of the removal.

(iv) The Municipal Ashbin Scheme

The scheme, commenced in 1949, provides for the renewal and repair of ashbins for domestic premises. From the inception of the scheme to the 30th June, 1970, 22,725 bins have been provided.

Galvanised bins of various sizes are purchased for use in the low-rise and multi-storey flats. "Plastic" bins of a $3\frac{1}{4}$ cu. ft. capacity are now issued to domestic and most commercial premises. The advantage of these bins is in their lightness and the fact that they are so much easier to cleanse. It is well known that the volume of refuse is increasing by approximately 8% per year and consequently an additional bin is issued to many households with a family of 5 or more persons or with other reasons for requiring additional refuse accommodation. The increasing popularity of space heating entirely by gas, electricity or oil, precludes the burning of domestic refuse.

The bulk of the refuse collected is disposed of at the controlled tip which is situated to the north-west of the Brookhouse Estate. Tipping of refuse and covering of the tip is by a Fiat FL.6 Tractor Loader. Covering of the tip is by using inert tipped refuse or by suitable materials delivered to the tip for disposal. Because the foundations of the tip consist mostly of a thick layer of peat, constant attention has to be given to the levelling of the tip and of repair to the tip road.

The new motorway leading from the clover leaf on the M.62 will pass through the tip and will mean a loss of valuable tipping land. It is expected that some disturbance will take place when the cutting of the motorway commences.

Scrap metal, both ferrous and non-ferrous, recovered from the tip is stored at the Devonshire Road Depot awaiting sale. Waste paper and carton waste are delivered to the depot in trailers attached to the refuse collection vehicles or as a result of a separate collection of shop waste. After sorting this material is baled at the depot and stored for sale. The sale of these salvaged materials brought in an income of £3,086 during the year (see Table XXVIII.)

The household refuse brought to the tip amounted to 15,275 tons; 21,074 tons of builders' refuse and industrial refuse, excavated soil etc., were also tipped. The income derived was £3,459.

TABLE I

VITAL STATISTICS OF WHOLE DISTRICT FOR 1969 AND PREVIOUS FIVE YEARS

Year	Population Middle of Each Year	Live Births		Death (all causes)		Still births		Maternal Mortality		Infant Mortality			
		No. Registered	Rate per 1,000 Pop'n	No. Registered	Rate per 1,000 Pop'n	No. Registered	Rate per 1,000 total births	No. of deaths- regis- tered	Rate per 1,000 total births	No. of deaths- regis- tered	Rate per 1,000 live births	No. of deaths- regis- tered	Rate per 1,000 live births
1969	39,830	597	15.0*	554	13.9*	3	5.0	-	0.00	12	20.1	11	18.0
1968	40,220	576	14.3	583	14.5	15	25.0	-	0.00	12	21.0	8	14.0
1967	41,400	631	15.2	602	14.5	9	14.0	-	0.00	20	32.0	10	15.8
1966	41,700	639	15.9	580	13.9	10	15.4	-	0.00	12	18.8	11	17.2
1965	42,090	630	15.6	583	13.3	16	24.8	-	0.00	15	23.8	8	12.7
1964	42,530	717	17.5	552	12.8	20	27.1	-	0.00	19	26.5	13	18.1
Average 5 years 1964/1968 - -		- -	15.7	-	13.8	-	21.3	-	0.00	-	24.4	-	15.6
England & Wales 1969		-	16.3	-	11.9	-	13.0	-	0.19	-	18.0	-	12.0

* Adjusted: Live birth-rate (comparability factor 1.04) = 15.6 per 1,000

Death Rate (comparability factor 0.98) = 13.6 per 1,000

TABLE II

BIRTH-RATE, DEATH-RATE and INFANTILE MORTALITY

Single Years and Average Rates for 5 year Periods

Year	Population Mid-year Estimate	Live Births		Deaths		Infant Deaths	
		No.	Rate	No.	Rate	No.	Rate
1950	44,570	685	15.6	571	12.9	15	22.0
1951	43,700	619	14.2	603	13.8	18	29.0
1952	44,020	694	15.8	610	14.3	22	32.0
1953	43,780	708	16.2	734	17.3	24	34.0
1954	43,580	662	15.2	718	17.2	14	21.0
1950-54	-	-	15.4	-	15.1	-	27.6
1955	43,450	622	14.3	801	18.4	21	33.0
1956	43,420	690	15.9	740	17.0	7	10.0
1957	43,720	737	16.9	750	17.1	21	28.5
1958	43,600	770	17.7	829	19.0	25	32.5
1959	43,550	737	16.9	697	16.0	28	38.0
1955-59	-	-	16.3	-	17.5	-	28.4
1960	43,520	721	16.6	634	14.6	17	23.6
1961	43,210	738	17.1	627	14.5	13	17.6
1962	43,060	714	16.6	639	14.8	19	26.6
1963	42,850	742	17.3	566	13.2	10	13.5
1964	42,530	717	17.5	552	12.8	19	26.5
1960-64	-	-	17.0	-	14.0	-	21.5
1965	42,090	630	15.6	583	13.3	15	23.8
1966	41,700	639	15.9	580	13.9	12	18.8
1967	41,400	631	15.2	602	14.5	20	32.0
1968	40,220	576	13.8	583	14.9	12	21.0
1969	39,830	597	15.0	554	13.9	12	20.1
1965-69	-	-	15.1	-	14.1	-	23.5

TABLE III.

BOROUGH OF ECCLES.

Causes of Death for the Year 1969. Classified under the Headings of the Abbreviated List of the International Statistical Classification of Diseases, Injuries and Causes of Death.

No.	Causes of Death	Males	Females	Totals
1	Cholera	-	-	-
2	Typhoid fever	-	-	-
3	Bacillary dysentery and amoebiasis	-	-	-
4	Enteritis and other diarrhoeal diseases	-	-	-
5	Tuberculosis of respiratory system	1	-	1
6	Other tuberculosis, including late effects	-	-	-
7	Plague	-	-	-
8	Diphtheria	-	-	-
9	Whooping cough	-	-	-
10	Streptococcal sore throat and scarlet fever	-	-	-
11	Meningococcal infection	-	1	1
12	Acute poliomyelitis	-	-	-
13	Smallpox	-	-	-
14	Measles	-	-	-
15	Typhus and other rickettsioses	-	-	-
16	Malaria	-	-	-
17	Syphilis and its sequelae	-	-	-
18	All other infective and parasitic diseases	2	-	2
19	(3) Malignant neoplasm - Stomach	6	9	15
	(6) " " - Lung, bronchus	29	5	34
	(7) " " - Breast	-	5	5
	(8) " " - Uterus	-	3	3
	(10) Leukaemia	1	1	2
	(1,2,4,5,9,11) Other malignant neoplasms	23	16	39
20	Benign neoplasms & neoplasms of unspecified nature	-	1	1
21	Diabetes mellitus	1	-	1
22	Avitaminoses and other nutritional deficiency	1	-	1
23	Anaemias	2	1	3
24	Meningitis	-	-	-
25	Active rheumatic fever	-	-	-
26	Chronic rheumatic heart disease	2	5	7
27	Hypertensive disease	4	4	8
28	Ischaemic heart disease	99	73	172
29	Other forms of heart disease	7	8	15
30	Cerebrovascular disease	25	48	73
31	Influenza	4	3	7
32	Pneumonia	11	14	25
33	(1) Bronchitis, and emphysema	19	5	24
	(2) Asthma	-	-	-
34	Peptic ulcer	5	3	8
35	Appendicitis	-	1	1
36	Intestinal obstruction and hernia	-	1	1
37	Cirrhosis of liver	1	1	2
38	Nephritis and nephrosis	3	-	3
39	Hyperplasia of prostate	-	-	-
40	Abortion	-	-	-
41	Other complications of pregnancy	-	-	-
42	Congenital anomalies	2	-	2
43	Birth injury	1	4	5
44	Other causes of perinatal mortality	1	3	4
45	Symptoms and ill-defined conditions	-	2	2
46	(1) Other endocrine, etc. diseases	1	2	3
	(2) Other diseases of blood	-	-	-
	(3) Mental disorders	-	-	-
	(4) Other diseases of nervous systems	3	4	7
	(5) Other diseases of circulatory system	14	24	38
	(6) Other diseases of respiratory system	1	1	2
	(7) Other diseases of digestive system	3	2	5
	(8) Other diseases of genito-urinary system	3	5	8
	(9) Diseases of the skin	-	-	-
	(10) Diseases of musculo-skeletal system	-	2	2
47	Motor vehicle accidents	8	-	8
48	All other accidents	4	3	7
49	Suicide and self-inflicted injuries	4	1	5
50	All other external causes	-	2	2
		291	263	554

TABLE IV

AGE DISTRIBUTION OF DEATHS 1950 - 1969

Number of deaths in single years

Percentage distribution in five-year periods.

Year	AGE AT DEATH (Y E A R S)								T O T A L
	0-	1-	2-	5-	15-	25-	45-	65+	
1950 ...	15	3	4	6	6	29	158	350	571
1951 ...	18	-	1	1	4	34	150	395	603
1952 ...	22	4	2	2	8	33	153	386	610
1953 ...	24	2	1	3	5	25	183	491	734
1954 ...	14	1	-	2	2	28	140	531	718
1950-54.	2.87	.31	.25	.43	.77	4.61	24.22	66.54	100%
1955 ...	21	-	1	3	3	24	183	566	801
1956 ...	7	1	5	2	2	29	152	542	740
1957 ...	21	1	1	5	5	34	157	526	750
1958 ...	25	2	-	2	3	29	161	607	829
1959 ...	28	2	1	2	3	29	161	471	697
1955-59.	2.67	.15	.20	.36	.40	3.89	21.33	71.00	100%
1960 ...	17	2	2	8	2	24	180	399	634
1961 ...	13	1	1	1	4	17	142	448	627
1962 ...	19	1	2	1	4	28	148	436	639
1963 ...	10	1	-	2	5	22	130	396	566
1964 ...	19	-	3	1	3	13	145	368	552
1960-64.	2.58	.17	.27	.44	.59	3.45	24.68	67.82	100%
1965 ...	15	-	2	5	4	18	141	398	583
1966 ...	12	2	-	3	3	24	131	405	580
1967 ...	20	3	1	3	8	19	139	409	602
1968 ...	12	1	-	2	1	19	144	404	583
1969 ...	12	-	3	2	6	19	125	387	554
1965-69.	2.48	.21	.21	.51	.75	3.42	23.42	69.00	100%

TABLE V
NOTIFIABLE DISEASES - 1969
NUMBER OF CASES OF INFECTIOUS DISEASE NOTIFIED

	CASES NOTIFIED											
	Ages:											
	Total Cases all ages	Under 1 year	1-	2-	3-	4-	5-	10-	15-	25-	45-	65 and over
Scarlet Fever	93	-	1	4	5	8	46	22	6	1	-	-
Acute Meningitis. ...	5	-	-	2	1	1	-	-	-	1	-	-
Acute Encephalitis ...	1	-	-	-	-	-	-	-	1	-	-	-
Crouping Cough	3	-	1	-	-	1	1	-	-	-	-	-
Measles	98	6	15	5	9	18	43	1	-	1	-	-
Scarlet Thrax	-	-	-	-	-	-	-	-	-	-	-	-
Infective Jaundice ...	102	-	-	-	4	6	51	11	11	15	4	-
Tuberculosis :												
Respiratory	5	-	-	-	-	-	-	-	-	1	3	1
Non-respiratory. ...	1	-	-	-	-	-	-	-	1	-	-	-
Septicemia	4	-	-	-	-	-	4	-	-	-	-	-
Food Poisoning	5	-	-	-	-	-	-	-	1	3	1	-
Polio-myelitis :												
Paralytic	-	-	-	-	-	-	-	-	-	-	-	-
Non-paralytic	-	-	-	-	-	-	-	-	-	-	-	-
Totals	317	6	17	11	19	34	145	34	20	22	8	1

WARD DISTRIBUTION: NUMBER OF CASES REMOVED TO HOSPITAL
AND DEATHS IN HOSPITAL DURING THE YEAR 1969

	Wards								Hospital		
	Barton	Eccles	Irwell	Monton	Patricroft	Trafford	Westwood Park	Winton	Total cases re- moved to Hospital	Deaths in Hospital	Total Deaths
Scarlet Fever	12	3	11	11	10	8	13	25	-	-	-
Acute Meningitis.. ...	-	2	-	-	2	1	-	-	3	-	-
Acute Encephalitis ...	-	-	-	-	-	-	1	-	1	-	-
Crouping Cough	-	-	-	2	-	-	1	-	-	-	-
Measles.	1	4	12	13	10	18	26	14	2	-	-
Scarlet Thrax.	-	-	-	-	-	-	-	-	-	-	-
Infective Jaundice ...	4	6	9	15	4	5	33	26	8	-	-
Tuberculosis :											
Respiratory.	-	-	-	1	-	-	2	2	5	1	1
Non-respiratory.. ...	-	1	-	-	-	-	-	-	-	-	-
Septicemia	-	-	-	-	1	1	2	-	1	-	-
Food Poisoning	-	-	-	3	-	-	2	-	1	-	-
Polio-myelitis:											
Paralytic	-	-	-	-	-	-	-	-	-	-	-
Non-paralytic	-	-	-	-	-	-	-	-	-	-	-
Totals.. ...	17	16	32	45	27	33	80	67	21	1	1

TABLE VI.

NOTIFIABLE DISEASES.

ANNUAL NOTIFICATIONS 1950 - 1969.

Y E A R	Anthrax	Smallpox	Diphtheria	Scarlet Fever	Acute Meningitis	Whooping Cough	Infective Jaundice	Measles	Poliomyelitis, paralytic	Poliomyelitis, non-paralytic	Dysentery	Typhoid and Paratyphoid	Food Poisoning	Ophthalmia neonatorum	Tuberculosis, respiratory	Tuberculosis, non-respiratory	Acute encephalitis	Malaria
1950	-	-	8	72	-	132	-	413	-	2	3	-	8	4	52	7	-	-
1951	-	-	7	91	-	102	-	794	-	-	69	5	10	3	41	4	-	-
1952	-	-	-	33	-	101	-	448	1	-	5	-	2	2	30	11	-	-
1953	-	-	-	40	-	66	-	304	1	-	10	-	6	-	29	9	-	-
1954	-	-	-	41	-	230	-	82	1	-	304	-	43	1	34	4	-	-
1955	-	-	-	43	-	122	-	925	3	-	5	-	18	-	29	5	1	-
1956	-	-	-	56	-	116	-	68	5	2	67	-	15	2	20	1	1	-
1957	-	-	-	40	-	85	-	926	1	-	215	-	13	1	20	8	-	-
1958	-	-	-	15	-	88	-	44	2	-	213	-	13	-	15	3	-	-
1959	-	-	-	66	-	118	-	462	-	-	83	3	4	-	18	2	1	-
1960	-	-	-	122	-	71	-	764	-	-	50	3	-	-	15	1	1	-
1961	-	-	-	42	-	8	-	321	3	-	137	-	9	-	11	2	-	-
1962	-	-	-	39	-	8	-	446	-	-	36	-	9	-	17	2	-	-
1963	-	-	-	20	-	44	-	385	-	-	-	-	3	-	13	-	1	-
1964	-	-	-	22	-	62	-	393	-	-	59	-	3	-	8	-	1	-
1965	-	-	-	66	-	9	-	145	-	-	10	7	3	-	11	1	-	-
1966	-	-	-	82	-	5	-	582	-	-	12	-	1	-	12	2	-	-
1967	-	-	-	28	-	64	-	113	-	-	110	-	6	-	14	3	-	-
1968	1	-	-	25	-	11	68	216	1	-	9	-	3	-	5	1	-	1
1969	-	-	-	93	5	3	102	98	-	-	4	-	5	-	5	1	1	-

Rates
per 1
populEngla
Wales
Rates

TABLE VII
TUBERCULOSIS, NEW CASES AND DEATHS 1969

AGE PERIODS (Y E A R S)	* NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
0-	-	-	-	-	-	-	-	-
1-	-	-	-	-	-	-	-	-
5-	-	-	-	-	-	-	-	-
10-	-	-	-	-	-	-	-	-
15-	-	-	-	-	-	-	-	-
20-	-	-	-	1	-	-	-	-
25-	-	-	-	-	-	-	-	-
35-	-	1	-	-	-	-	-	-
45-	-	-	-	-	-	-	-	-
55-	2	1	-	-	1	-	-	-
65 and upwards	1	-	-	-	-	-	-	-
T O T A L S	3	2	-	1	1	-	-	-
	5		1		1		-	
	6				1			
Rates per 1,000 population	0.125		0.025		0.025		0.000	
	0.15				0.025			
England and Wales Rates per 1,000	0.198		0.051		0.022		0.015	
	0.249				0.038			

* New cases include all primary notifications and any other NEW cases coming to the knowledge of the Medical Officer of Health during the year, but do not include Inward Transfers.

TABLE VIII
TUBERCULOSIS

Number of cases on Register, as at 31st December, 1969.

	Respiratory	Non-Respiratory	Total
Males	44	11	55
Females.. ...	22	8	30
Total at 31.12.69.	66	19	85
Total at 31.12.68.	70	18	88

TABLE IX
TUBERCULOSIS

INCIDENCE AND DEATH-RATES ANNUALLY 1950-1969

Y E A R	INCIDENCE			DEATHS		
	Case Rate per 1,000			Death Rate per 1,000		
	Resp.	Non-Resp.	Total	Resp.	Non-Resp.	Total
1950	1.17	.15	1.32	.31	.04	.35
1951 ... ..	.93	.09	1.02	.45	.02	.47
1952 ... ..	.74	.24	.98	.34	.06	.40
1953 ... ..	.66	.20	.86	.27	---	.27
1954 ... ..	.78	.09	.87	.20	---	.20
1955 ... ..	.66	.11	.77	.11	---	.11
1956 ... ..	.46	.02	.48	.14	.02	.16
1957 ... ..	.45	.18	.63	.07	.02	.09
1958 ... ..	.34	.07	.41	.14	---	.14
1959 ... ..	.41	.05	.46	.04	---	.04
1960 ... ..	.35	.02	.37	.07	---	.07
1961 ... ..	.25	.05	.30	.05	---	.05
1962 ... ..	.40	.04	.44	.05	---	.05
1963 ... ..	.30	---	.30	.02	.05	.07
1964 ... ..	.18	---	.18	.05	---	.05
1965 ... ..	.26	.02	.28	---	---	---
1966 ... ..	.29	.04	.33	.10	.07	.17
1967 ... ..	.34	.07	.41	.12	---	.12
1968 ... ..	.12	.03	.15	.03	---	.03
1969 ... ..	.13	.02	.15	.03	---	.03
Average for 20 years	.46	.07	.53	.13	.01	.14
Average for first 5-year period 1950-1954	.86	.15	1.01	.32	.02	.34
Average for last 5-year period 1965-1969	.23	.03	.26	.06	.01	.07

TABLE X
HOUSING STATISTICS

	No. of houses
1. Inspection of Dwelling-Houses during the year 1969.	
(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	5,308
(b) Number of inspections, made for the purpose.. ...	6,647
(2) Dwelling-houses unfit for human habitation and not capable at reasonable expense of being rendered fit:	
(a) Number found during year.	-
(b) Number (or estimated number) remaining at end of year	701
(3) Number of dwelling-houses found during the year to be unfit for human habitation but capable of being rendered fit.	215
2. Clearance Areas (Housing Act, 1957) :-	
(1) Number of dwelling-houses demolished during year:	
(a) Unfit houses..	159
(b) Other houses..	4
(2) Number of persons displaced.	482
3. Houses not included in Clearance Areas:	
(1) Houses demolished or closed during year:	
(a) Housing Act, 1957 -	
(i) Demolished as a result of formal or informal procedure (Section 17) ...	9
(ii) Closed in pursuance of an undertaking given by owners under Section 17 and still in force... ..	3
(iii) Parts of building closed (Section 16 and 35)	-
(iv) Local authority owned houses certified unfit by the Medical Officer of Health	-
(2) Repairs during the year	No. of houses
(a) Unfit houses made fit and houses in which defects were remedied during the period after informal action by the local authority	183
(b) Public Health Acts - action after service of formal notice.	
Houses in which defects were remedied -	
(i) By owners	111
(ii) By local authority in default of owners	-
(c) Housing Act, 1957 - action after service of formal notice -	
Houses made fit -	
(i) By owners... ..	3
(ii) By local authority in default of owners... ..	-
(d) Housing Act, 1957:	
Houses reconstructed, enlarged or improved and Demolition Orders revoked (Section 5).	-
4. Certificates of Disrepair.	
(a) Rent Act, 1957 -	
Number of applications for certificates.. ...	-
Number of decisions not to issue certificates.	-
Number of certificates issued..	-
Number of applications for revocation of certificates	-
Number granted..	-
Number refused..	-
(b) Certificate as to remedying of defects specified in a Landlord's undertaking to remedy defects -	
Number of certificates issued under para. 8(2) of 1st Schedule	-
5. Overcrowding	
10 cases of overcrowding were relieved during the year, involving 49 persons. Two were from private houses and 8 from Corporation Houses. These figures have been supplied by the Housing Manager (Mr. K.R. Parkinson).	

TABLE XI

HOUSING PROGRESS (Years 1946 to 1969 inclusive)

Year	Built by local Authority		Built by Private Enterprise		Houses Demolished or closed
	Houses	Flats	Houses	Flats	
1946	34	--	8	--	4
1947	97	--	9	--	23
1948	83	--	10	--	3
1949	161	--	1	--	2
1950	130	--	--	2	5
1951	101	--	18	--	3
1952	34	24	17	--	1
1953	155	--	27	--	18
1954	51	6	8	--	3
1955	180	88	29	--	7
1956	194	60	77	--	58
1957	154	25	93	1	104
1958	66	76	18	--	117
1959	12	82	17	--	199
1960	35	130	28	--	166
1961	5	171	10	--	225
1962	44	250	8	--	192
1963	22	6	24	--	226
1964	71	106	15	--	207
1965	99	417	16	--	323
1966	26	136	48	--	334
1967	2	306	7	26	204
1968	32	38	10	--	162
1969	50	202	4	12	175
Total	1,838	2,123	502	41	2,761

TABLE XII

HOUSING ACT, 1957 - Statements of Action from 9th June, 1954.

(a) Houses in Clearance Areas

Since 9th June, 1954, 78 clearance areas have been declared, 2,076 houses have been demolished and 6,083 persons have been displaced as shown below. Full details appear in previous Annual Reports.

Clearance Areas	C.P.O. confirmed	Houses		Families		Persons		Demolition
		Pink	Grey	Pink	Grey	Pink	Grey	
ower St/Henry St.	C.O.	46	-	50	-	153	-	May, 1956
rafford Rd.(No. 1)	5.6.57	7	-	7	-	17	-	Nov, 1957
arlow St/Cawdor St.	5.6.57	197	55	189	60	573	179	Aug, 1959
gerton St.	8.5.59	59	-	58	-	184	-	Dec, 1959
rsley Rd.(No. 2)	C.O.	14	-	16	-	40	-	June, 1960
es Square	C.O.	9	-	9	-	22	-	June, 1960
rsley Rd.(No.1)	13.10.59	15	1	13	1	25	2	Sep, 1960
hilip St/Roberts St	5.10.59	53	3	52	3	132	6	Feb, 1961
arlow's Buildings	5.10.59	4	-	4	-	11	-	Aug, 1960
ew Row	3.12.59	10	-	9	-	22	-	Oct, 1960
egg St/James Ter.	20.11.59	36	-	34	-	128	-	Feb, 1961
iza Ann St./Fielding St.	C.O.	46	-	44	-	122	-	Dec, 1961
lson St.(No.1)	12.2.60	27	-	27	-	84	-	Dec, 1960
el Green Rd.(No.1)	19.2.60	8	-	7	-	15	-	June, 1961
rsley Rd.(No. 3)	14.4.60	6	-	5	-	17	-	June, 1961
. Mary's St.	9.9.60	38	1	37	1	82	2	Sep, 1961
lesmere St.(No.1)	2.1.61	35	-	38	-	103	-	June, 1962
lesmere St.(No.3)	2.1.61	4	-	4	-	14	-	June, 1962
lesmere St.(No.2)	28.10.60	10	-	11	-	25	-	May, 1962
lesmere St.(No.4)	28.10.60	6	-	7	-	20	-	May, 1962
ears' St.	22.8.60	38	1	38	1	90	2	Dec, 1961
erton Lane(No.1)	29.11.60	13	-	11	-	33	-	Dec, 1961
erton Lane(No.2)	C.O.	3	-	4	-	9	-	Apr, 1962
artington St.	18.1.61	18	-	16	-	51	-	Jan, 1962
gher Croft (No.1)	9.4.62	35	2	37	2	120	6	Nov, 1962
lson St. (No. 2)	7.5.62	42	-	41	-	102	-	May, 1963
. James St.(No.1)	13.10.60	8	-	8	-	16	-	Sept., 1962
hilip St.(No. 2)	31.1.62	9	-	9	-	19	-	Jan, 1963
lesmere St.(No.5)	26.1.62	9	-	9	-	24	-	Nov, 1962
awsley Ave/ hevelyan St.	4.4.62	66	4	58	4	196	10	Feb, 1963
erton Lane (No.3)	9.8.62	98	4	89	3	231	6	June, 1964
lesmere St.(No.6)	22.5.62	16	-	16	-	60	-	Apr, 1963
lesmere St.(No.7)	6.7.62	28	-	28	-	85	-	Jan, 1963
erton Lane(No.4)	28.9.62	4	-	4	-	13	-	Sept, 1963
lesmere St.(No. 8)	20.9.62	21	-	20	-	69	-	May, 1964
lesmere St.(No. 9)	9.10.62	22	-	19	-	73	-	Jan, 1964
lesmere St.(No.10)	13.11.62	18	2	14	1	36	2	June, 1964
ris Street	11.6.63	75	2	73	2	244	6	Feb, 1965
umwell Rd. (No.1)	C.O.	2	-	-	-	-	-	May, 1964
umwell Rd. (No.2)	18.7.63	45	2	45	2	119	5	June, 1965
mpden Grove(No.1)	26.3.64	15	-	15	-	42	-	June, 1965
ugholme Place/ rsley Rd.(No.4)	25.11.63	34	1	34	1	98	1	Sept, 1965
hilip St.(No.3)	18.3.64	4	-	4	-	7	-	Nov, 1965
lcoln St.(No. 1)	10.4.64	28	-	27	-	86	-	Aug, 1965
een Lane (No. 1)	28.7.64	46	4	46	4	136	14	Aug, 1965
lcoln St.(No. 2)/ lover St.(No. 1)	19.1.65	86	1	86	1	240	5	Mar, 1966
eyton Street	3.5.65	24	-	24	-	68	-	Sep, 1965
lters Lane	20.1.65	58	5	58	5	148	12	Apr, 1966
rsley Rd.(No.5&6)	7.4.65	42	6	40	6	93	11	Jul, 1966
chell St.(No.1)	7.4.65	46	-	46	-	138	-	Jan, 1966
lson St.(No. 3)	28.6.65	10	-	10	-	26	-	May, 1966
. James St.(No.2)	6.1.66	58	2	58	2	150	5	Aug, 1966
ridgewater St.	8.12.65	8	-	8	-	17	-	May, 1966
land Street	14.1.66	32	1	32	1	78	2	Sep, 1966
igh's Yard	31.3.66	10	-	10	-	24	-	Feb, 1967
ll Terrace	28.4.66	24	-	25	-	90	-	Jan, 1967
asant Street	24.5.66	21	1	23	1	56	2	Nov, 1966
acklin St.(No. 1)	16.8.66	5	1	5	1	20	3	Mar, 1967
Carried Forward		1,651	99	1,711	102	4,896	281	

TABLE XII

Cont'd.....

Clearance Areas	C.P.O. Confirmed	Houses		Families		Persons		Demolition
		Pink	Grey	Pink	Grey	Pink	Grey	
Brought Forward		1,651	99	1,711	102	4,896	281	
Worsley Rd. (No. 7)	30.6.66	12	-	10	-	35	-	June, 1966
Worsley Rd. (No. 8)	25.10.66	9	-	6	-	17	-	Apr., 1966
Vicarage (No. 1)	2.2.67	62	6	61	6	167	20	Oct., 1966
Parrin Lane (No. 1)	10.2.67	6	-	5	-	15	-	Aug., 1966
Nelson St. (No. 4)	21.12.66	6	-	6	-	8	-	Sept., 1966
Trevelyan St. (No. 2)	21.9.67	14	-	11	-	45	-	Jan., 1967
Liverpool Rd. (No. 1)	17.2.67	7	-	7	-	12	-	Sept., 1966
Irwell Grove (No. 1)	1.5.67	8	-	8	-	17	-	Dec., 1966
College Croft	5.5.67	28	-	29	-	97	-	Dec., 1966
Trafford Road (No. 2)	26.4.67	8	-	8	-	15	-	Feb., 1967
Canal Bank (No. 1)	5.5.67	37	7	36	7	93	14	Feb., 1967
Clifton Road (No. 1)	1.8.67	8	-	10	-	32	-	Mar., 1967
Liverpool Rd. (No. 2)	4.8.67	12	-	14	-	53	-	Apr., 1967
Somerville St. (No. 1)	1.8.67	11	-	9	-	24	-	Feb., 1967
Roberts St. (No. 2)	1.8.67	8	-	8	-	28	-	Mar., 1967
Barlow Lane	14.11.67	8	-	7	-	29	-	
Oxford St. (No. 1)	23.1.68	27	-	27	-	69	-	May, 1968
Milton St. (No. 1)	24.1.68	13	-	13	-	37	-	July, 1968
Shakespeare Cres. (No. 1)	25.1.68	19	-	19	-	48	-	Oct., 1968
Mayfield Road (Nos. 1 & 2)	29.11.67	9	1	8	1	27	4	Oct., 1967
Totals		1,963	113	2,013	116	5,764	319	

Information as to Date of Demolition, Date of Clearance Order or Compulsory Purchase Order and (b) confirmation by Description

Description of Clearance Areas	Date of (a) Clearance Order or Compulsory Purchase Order and (b) confirmation by Minister	Address or situation of house	No. of persons displaced	No. of families displaced	Date of displacement	Date of demolition	Information as to re-housing
Park Street (No. 1) Clearance Area	(a) 2.11.1967 (C.P.O.) (b) 21.2.1968	35, Beech Street (House and shop)	2	1	Feb., 1969	May, 1969	Re-housed
		37, Beech Street	1	1	Nov., 1968	May, 1969	Re-housed
		41, Beech Street	-	-	-	May, 1969	-
		43, Beech Street	3	1	Aug., 1968	May, 1969	Re-housed
		45, Beech Street	6	1	Dec., 1968	May, 1969	Re-housed
		47, Beech Street	3	1	May, 1969	May, 1969	Re-housed
		49, Beech Street	4	1	Dec., 1968	May, 1969	Re-housed
		42, Park Street	1	1	Nov., 1968	Mar., 1969	Re-housed
		(House and shop)					
		40, Park Street	1	1	Feb., 1969	Mar., 1969	Re-housed
		38, Park Street	1	1	Nov., 1968	Mar., 1969	Re-housed
		36, Park Street	2	1	Oct., 1968	Mar., 1969	Re-housed
		34, Park Street	2	1	Nov., 1968	Mar., 1969	Re-housed
		32, Park Street	3	1	Feb., 1969	Mar., 1969	Re-housed
		30, Park Street	1	1	Feb., 1969	Mar., 1969	Re-housed
		28, Park Street	4	1	Feb., 1969	Mar., 1969	Re-housed
		26, Park Street	1	1	June, 1969	June, 1969	-
		24, Park Street	1	1	Mar., 1969	June, 1969	-
		22, Park Street	2	1	Apr., 1968	June, 1969	Re-housed
		20, Park Street	2	1	June, 1968	June, 1969	Re-housed
		18, Park Street	5	1	Mar., 1968	June, 1969	Re-housed
		16, Park Street	4	1	Apr., 1968	June, 1969	Re-housed
		14, Park Street	1	1	Feb., 1969	June, 1969	Re-housed
		12, Park Street	5	1	Dec., 1968	June, 1969	Re-housed
		10, Park Street	2	1	Nov., 1968	June, 1969	Re-housed
		8, Park Street	2	1	May, 1969	June, 1969	Re-housed
		6, Park Street	3	1	Feb., 1969	June, 1969	Re-housed
		4, Park Street	4	1	Aug., 1968	June, 1969	-
		2, Park Street	1	1	Nov., 1968	June, 1969	Re-housed
		41, Park Street	4	1	Dec., 1968	July, 1969	Re-housed
		39, Park Street	3	1	June, 1969	July, 1969	Re-housed
		37, Park Street	1	1	June, 1969	July, 1969	-
		35, Park Street	6	1	Apr., 1968	July, 1969	Re-housed
		33, Park Street	3	1	July, 1969	July, 1969	-
		31, Park Street	5	1	Apr., 1968	July, 1969	Re-housed
		29, Park Street	1	1	June, 1968	July, 1969	Re-housed

Description of Clearance Areas	Date of (a) Clearance Order or Compulsory Purchase Order and (b) confirmation by Minister	Address or situation of house	No. of persons displaced	No. of families displaced	Date of displacement	Date of demolition	Information as to re-housing
Beech Street (No. 1) Clearance Area	(a) 2.11.1967 (C.P.O.) (b) 26.2.1968	67, Beech Street	1	1	Feb., 1969	May, 1969	Re-housed
		69, Beech Street	-	-	-	May, 1969	-
		71, Beech Street	4	1	Mar., 1969	May, 1969	Re-housed
		73, Beech Street	4	1	Sept., 1968	May, 1969	Re-housed
		75, Beech Street	3	1	Dec., 1968	May, 1969	Re-housed
		77, Beech Street	4	1	Feb., 1969	May, 1969	Re-housed
		15, Hampson Street	2	1	May, 1969	Nov., 1969	Re-housed
		13, Hampson Street	3	1	Nov., 1969	Nov., 1969	-
		11, Hampson Street	1	1	June, 1969	Nov., 1969	Re-housed
		9, Hampson Street	4	1	Sept., 1969	Nov., 1969	Re-housed
Park Street (No. 2) Clearance Area	(a) 1.4.1968 (C.P.O.) (b) 15.10.1968	7, Hampson Street	1	1	June, 1969	Nov., 1969	Re-housed
		5, Hampson Street	3	1	March, 1969	Nov., 1969	Re-housed
		3, Hampson Street	6	1	Feb., 1969	Nov., 1969	Re-housed
		2, Beech Street	1	1	May, 1969	Nov., 1969	Re-housed
		4, Beech Street	3	1	March, 1969	Nov., 1969	Re-housed
		6, Beech Street	4	1	Aug., 1969	Nov., 1969	Re-housed
		8, Beech Street	3	1	May, 1969	Nov., 1969	Re-housed
		10, Beech Street	2	1	Aug., 1969	Nov., 1969	Re-housed
		12, Beech Street	-	-	-	Apr., 1970	-
		33, Beech Street	4	1	Aug., 1969	Nov., 1969	Re-housed
		31, Beech Street	4	1	June, 1969	Nov., 1969	Re-housed
		29, Beech Street	1	1	Oct., 1969	Nov., 1969	Re-housed
		27, Beech Street	2	1	Feb., 1969	Nov., 1969	Re-housed
		25, Beech Street	2	1	May, 1969	Nov., 1969	Re-housed
		23, Beech Street	2	1	May, 1969	Nov., 1969	Re-housed
		21, Beech Street	2	1	March, 1969	Nov., 1969	-
		19, Beech Street	3	1	Feb., 1969	Nov., 1969	Re-housed
		17, Beech Street	4	1	Sept., 1969	Nov., 1969	Re-housed
		15, Beech Street	2	1	Feb., 1969	Nov., 1969	Re-housed
		13, Beech Street	3	1	Feb., 1969	Nov., 1969	Re-housed
		11, Beech Street	2	1	Oct., 1969	Nov., 1969	Re-housed
		9, Beech Street	4	1	July, 1969	Nov., 1969	Re-housed
		7, Beech Street	3	1	Nov., 1969	Nov., 1969	-
		5, Beech Street	3	1	Sept., 1969	Nov., 1969	Re-housed
		3, Beech Street	3	1	Feb., 1969	Nov., 1969	Re-housed
		1, Beech Street	2	1	Apr., 1969	Nov., 1969	Re-housed

TABLE XII

Cont'd.....

(a) Houses in Clearance Areas							
(1) Description of Clearance Areas	(2) Date of (a) Clearance Order of Compulsory Purchase Order and (b) confirmation by Minister	(3) Address of situation of house	(4) No. of persons displaced	(5) No. of families displaced	(6) Date of displacement	(7) Date of demolition	(8) Information as to re-housing
Park Street (No. 2) Clearance Area Cont'd.....	(a) 1.4.1968 (C.P.O.) (b) 15.10.1968	44, Park Street (House and shop)	2	1	Aug., 1969	Sept., 1969	Re-housed
		46, Park Street	2	1	May, 1969	Sept., 1969	Re-housed
		48, Park Street	1	1	Feb., 1969	Sept., 1969	Re-housed
		50, Park Street	1	1	May, 1969	Sept., 1969	Re-housed
		52, Park Street	1	1	June, 1969	Sept., 1969	Re-housed
		54, Park Street	1	1	Feb., 1969	Sept., 1969	Re-housed
		56, Park Street	1	1	May, 1969	Sept., 1969	Re-housed
		58, Park Street	3	1	Aug., 1969	Sept., 1969	Re-housed
		60, Park Street	2	1	June, 1969	Sept., 1969	Re-housed
		62, Park Street	2	1	June, 1969	Sept., 1969	Re-housed
		64, Park Street	1	1	June, 1969	Sept., 1969	Re-housed
		66, Park Street	2	1	Apr., 1969	Sept., 1969	Re-housed
		68, Park Street	2	1	June, 1969	Sept., 1969	Re-housed
		70, Park Street	1	1	Apr., 1969	Sept., 1969	Re-housed
		72, Park Street	1	1	May, 1969	Sept., 1969	Re-housed
		74, Park Street	1	1	June, 1969	Sept., 1969	Re-housed
		76, Park Street	4	1	March, 1969	Sept., 1969	Re-housed
		78, Park Street	3	1	May, 1969	Sept., 1969	Re-housed
		80, Park Street	2	1	Feb., 1969	Sept., 1969	Re-housed
		82, Park Street	2	1	March, 1969	Sept., 1969	Re-housed
		84, Park Street	3	1	Apr., 1969	Sept., 1969	Re-housed
		86, Park Street	5	1	Sept., 1969	Sept., 1969	Re-housed
		88, Park Street	5	1	May, 1969	Sept., 1969	Re-housed
		90/92, Park Street (House and shop)	5	1	Sept., 1969	Sept., 1969	Re-housed
		1, Hampson Street	5	1	Sept., 1969	Sept., 1969	Re-housed
		45, Park Street	4	1	Sept., 1969	Sept., 1969	Re-housed
		47, Park Street	1	1	May, 1969	Sept., 1969	Re-housed
		49, Park Street	4	1	June, 1969	Sept., 1969	Re-housed
		51, Park Street	5	1	June, 1969	Sept., 1969	Re-housed
		53, Park Street	2	1	Apr., 1969	Sept., 1969	Re-housed
		55, Park Street	4	1	Feb., 1969	Sept., 1969	Re-housed
		57, Park Street	1	1	May, 1969	Sept., 1969	Re-housed

Date of
(a) Clearance Order -or
Compulsory Purchase Order

No. of

No. of

Sept., 1969

Description of Clearance Areas	Date of (a) Clearance Order or Compulsory Purchase Order, and (b) confirmation by Minister.	Address or situation of house	No. of persons displaced	No. of families displaced	Date of displacement	Date of demolition	Information as to re-housing
Park Street (No. 2) Clearance Area Cont'd.....	(a) 1.4.1968 (C.P.O.) (b) 15.10.1968	65, Park Street 67, Park Street 69, Park Street 71, Park Street 73, Park Street 75, Park Street 77, Park Street 79, Park Street 81, Park Street 83, Park Street 85, Park Street 87, Park Street 89, Park Street 91, Park Street 93, Park Street 95, Park Street 97, Park Street 99, Park Street 101, Park Street 103, Park Street 105, Park Street 107, Park Street 109, Park Street 111, Park Street (House and Shop)	1 1 4 2 4 1 1 6 1 3 1 1 2 6 3 4 2 1 3 2 2 1 5 2	1 1	June, 1969 May, 1969 Sept., 1969 March, 1969 March, 1969 June, 1969 June, 1969 Aug., 1969 June, 1969 June, 1969 Sept., 1969 May, 1969 June, 1969 Nov., 1969 Oct., 1969 June, 1969 Aug., 1969 June, 1969 Sept., 1969 Feb., 1969 Dec., 1969 Aug., 1969 Nov., 1969 Oct., 1969	Sept., 1969 Sept., 1969 Sept., 1969 Sept., 1969 Sept., 1969 Sept., 1969 Sept., 1969 Sept., 1969 Sept., 1969 Sept., 1969 Sept., 1969 Sept., 1969 Sept., 1969 Nov., 1969 Nov., 1969 Nov., 1969 Nov., 1969 Nov., 1969 Jan., 1970 Jan., 1970 Jan., 1970 Jan., 1970 Jan., 1970 Jan., 1970	Re-housed Re-housed
Clifton Road (No. 2) Clearance Area	(a) 4.3.1968 (C.P.O.) (b) 18.9.1968	19, Clifton Road 21, Clifton Road 27, Clifton Road 29, Clifton Road	8 6 - 5	1 3 - 5	Nov., 1968 Aug., 1969 - Feb., 1970	Apr., 1970 Apr., 1970 Apr., 1970 Apr., 1970	Re-housed Re-housed - Re-housed
	"GREY LANDS"	23, Clifton Road 25, Clifton Road 31, Clifton Road 33, Clifton Road 35, Clifton Road	5 3 3 4 4	1 1 1 1 1	Mar., 1970 Jan., 1970 Feb., 1970 Sept., 1969 May, 1969	Apr., 1970 Apr., 1970 - - -	Re-housed - Re-housed - -

TABLE XII
Cont'd.....

(1) (a) Houses in Clearance Areas	(2) Date of (a) Clearance Order or Compulsory Purchase Order and (b) confirmation by Minister.	(3) Address or situation of house	(4) No. of persons displaced	(5) No. of families displaced	(6) Date of displacement	(7) Date of Demolition	(8) Information as to re-housing
Birkdale Grove (No. 1) Clearance Area Cont'd.....	(a) 4.11.1968 (C.P.O.) (b) 12.6.1969	10, Birkdale Grove 8, Birkdale Grove 6, Birkdale Grove 4, Birkdale Grove 2, Birkdale Grove	2 5 4 6 8	1 1 1 1 1	Nov., 1969 Sept., 1969 Oct., 1969 Oct., 1969 Jan., 1970	Jan., 1970 Jan., 1970 Jan., 1970 Jan., 1970 Jan., 1970	- Re-housed Re-housed Re-housed -
	"GREY LANDS"	28, Birkdale Grove	2	1	Sept., 1969	Dec., 1969	Re-housed
Monton Road (No. 1) Clearance Area	(a) 4.11.1968 (C.P.O.) (b) 6.6.1969	45, Monton Road 47, Monton Road 49, Monton Road 51, Monton Road 53, Monton Road 55, Monton Road 57, Monton Road 59, Monton Road 61, Monton Road 65, Monton Road	2 3 4 3 2 3 2 3 1 1	1 1 1 1 1 1 1 1 1 1	Jan., 1970 Feb., 1970 Oct., 1969 Nov., 1969 Dec., 1969 Jan., 1970 Feb., 1970 Dec., 1969 Sept., 1969 Sept., 1969	May, 1970 May, 1970 Mar., 1970 Mar., 1970 Feb., 1970 Feb., 1970 Feb., 1970 Feb., 1970 Feb., 1970 Feb., 1970	Re-housed Re-housed Re-housed Re-housed Re-housed Re-housed Re-housed Re-housed Re-housed Re-housed
	"GREY LANDS"	63, Monton Road	4	1	Nov., 1969	Feb., 1970	Re-housed
Cromwell Road (No. 3) Clearance Area	(a) 3.3.1969 (C.P.O.) (b) 10.6.1969	130, Cromwell Road 128, Cromwell Road 126, Cromwell Road 124, Cromwell Road	11 3 2 3	1 1 1 1	May, 1969 June, 1970 Mar., 1970 Apr., 1970		Re-housed - Re-housed Re-housed
	"GREY LANDS"	122, Cromwell Road 120, Cromwell Road	3 2	1 1	Aug., 1969 Apr., 1970		- Re-housed
New Lane (No. 1) Clearance Area	(a) 4.11.1968 (C.P.O.) (b) 6.6.1969	17, Hampson Street 117-149, New Lane 151, New Lane (House and shop) 153-183, New Lane					

TABLE XII (Continued)

(b) Individual Unfit Houses.

In addition, two hundred and sixty-nine (269) houses (including twenty-four Corporation owned houses) have been demolished since 1954. Full details appeared in the Annual Reports for 1957 to 1968.

(1) Address or situation of house	(2) Undertaking accepted.	(3) Orders made Demolition		(4) Closing.	(5) No. of persons displaced	(6) No. of families displaced	(7) Date of displacement	(8) Date of demolition	(9) Date of closure	(10) Information as to re-housing
2, Preston Avenue	Nov, 1955	-	-	-	-	-	May, 1959	-	-	Made fit
8, New Street	May, 1959	-	-	-	3	1	Aug, 1959	-	May, 1959	Re-housed
86, Barton Road	June, 1959	-	-	-	2	1	-	-	Aug, 1959	Re-housed
301, Liverpool Road	Mar, 1961	-	-	-	-	-	-	-	-	-
215/217, Liverpool Road	Jul, 1961	-	-	-	-	-	-	-	-	Made fit
132, Philip Street	Jul, 1961	-	-	-	1	1	Apr, 1962	-	-	Re-housed
134, Philip Street	Jul, 1961	-	-	-	1	1	Apr, 1962	-	-	Re-housed
4, Renshaw Square	Nov, 1961	-	-	-	-	-	-	-	-	-
6, New Street	Sep, 1964	-	-	-	-	-	-	-	-	-
62, Lane End	Jan, 1965	-	-	-	-	-	-	-	-	{ Made fit
64, Lane End	Jan, 1965	-	-	-	-	-	-	-	-	
66, Lane End	Jan, 1965	-	-	-	-	-	-	-	-	
16, Alma Street	Nov, 1966	-	-	-	-	-	-	-	-	{ Made fit
18, Alma Street	Nov, 1966	-	-	-	-	-	-	-	-	
20, Alma Street	Nov, 1966	-	-	-	-	-	-	-	-	
219, Liverpool Road	-	-	-	Jan, 1967	7	1	Mar, 1967	-	-	Re-housed
7, Barlow Lane	-	Mar, 1967	-	-	3	1	Nov, 1967	-	-	Re-housed
9, Shakespeare Crescent	-	-	-	Aug, 1967	3	1	Sep, 1967	-	-	Re-housed
98, Liverpool Road	-	Jan, 1968	-	-	1	1	Mar, 1968	-	-	Re-housed
13, Arnold Street	-	-	-	Mar, 1968	1	1	Feb, 1968	-	-	Re-housed
146, Trafford Road	-	May, 1968	-	-	2	1	Jan, 1970	Feb, 1970	-	Re-housed
10, Monton Avenue	-	-	-	Aug, 1968	1	1	Apr, 1969	-	-	Re-housed
1A, Hampden Grove	-	-	-	Sep, 1968	5	1	Jul, 1969	-	-	Re-housed
29, Albert Road	-	Mar, 1969	-	-	4	1	Mar, 1969	June, 1969	-	-
107, Liverpool Road	-	-	-	Apr, 1969	1	1	May, 1969	-	-	-
109, Liverpool Road	-	-	-	Apr, 1969	4	1	May, 1969	-	-	Re-housed
111, Liverpool Road	-	-	-	Apr, 1969	7	1	May, 1969	-	-	-
24, Half Edge Lane	-	Jan, 1970	-	-	-	-	-	Apr, 1970	-	-
186, Wellington Road	-	Sep, 1969	-	-	10	3	Sep, 1969	June, 1970	-	Re-housed
188, Wellington Road	-	Sep, 1969	-	-	5	2	Aug, 1969	June, 1970	-	Re-housed
79, New Lane	-	Jan, 1969	-	-	9	1	Aug, 1969	Sep, 1969	-	Re-housed

TABLE XIII
INSPECTIONS OF PREMISES

Type of premises or reason for inspection	No. of visits	No. of re-visits
Factories and Workplaces:		
Factories - power	69	3
Factories - non power	10	1
Outworkers' premises.	4	-
Offices, Shops & Railway Premises	354	4
Shops Act	59	2
Total	496	10
Atmospheric Pollution:		
Smoke Observations - Industrial..	1,562	1
Smoke Observations - Domestic	1,200	3
Smoke Observations - Shipping	232	-
Smoke Control - Inspection of Plant..	107	4
Smoke Control - Prior Approval... ..	-	1
Nuisances from smoke.	28	346
Nuisances from grit etc..	12	20
Nuisances from effluvia..	43	377
Smoke Control Area - Premises	2,746	1,090
Apparatus	167	41
Total	6,097	1,883
Housing and Sanitation:		
Applicants for Corporation houses	21	2
Certificates of Disrepair	2	-
Dangerous Structures.	68	4
Defects and disrepair	1,090	527
Drainage and sanitary fittings... ..	802	280
Filthy and verminous premises	603	147
Houses in multiple occupation	192	21
Improvement grants... ..	997	118
Interviews with owners and contractors... ..	434	68
Inspections of work in progress..	143	40
Overcrowding.	15	-
Tents, Vans and Sheds	34	12
Unfit houses - survey	1,627	187
- inspection	530	202
Land charge searches.	548	-
Property enquiries... ..	114	-
Total	7,220	1,608
Food Premises:		
Bakehouses... ..	19	-
Butchers and cooked meat shops... ..	54	3
Dairies and milk shops... ..	16	1
Factory canteens.	28	7
School canteens..	54	8
Fish, fruit and vegetable shops..	70	3
Food inspection..	57	11
Food - investigation of complaint	70	12
Food and drug sampling... ..	18	3
Food Hawkers.	9	18
Grocers and confectioners shops..	100	7
Market stalls	683	276
Merchandise Marks Act	46	31
Delivery (Food)Vans..	33	17
Off-Licensed premises	26	3
Public Houses.	82	24
Restaurants, cafes and snackbars.	118	85
Slaughterhouses... ..	-	-
Transport of meat	3	1
Water sampling... ..	33	2
Other premises	13	-
Total	1,532	512

TABLE XIII (continued)

Type of premises or reason for inspection	No. of visits	No. of revisits
Infectious Disease - inquiries	73	13
Keeping of Animals:		
Disease of Animals Act	51	16
Pet Shops.	11	-
Piggeries.	18	1
Other Animals.	36	3
Farms.	2	-
Animal Boarding Establishments	3	2
Feral Pigeons.	119	38
Total	240	60
Refuse Collection and Disposal:		
Ashbins... ..	1,224	205
Accumulations of refuse... ..	1,722	173
Controlled Tip	29	177
Devonshire Road Depot.	25	546
Total	3,000	1,101
Various:		
Cinema and Bingo Halls	7	-
Fairgrounds... ..	1	-
Marine Stores Dealers.	1	-
Persons in need of care and attention.. ...	8	1
Public Conveniences... ..	577	106
Rodent Control	1,606	446
Schools... ..	8	2
Rag Flock etc., Act... ..	-	-
Offensive Trades.. ...	4	-
Miscellaneous.....	439	37
Agriculture (S.H. & W.) Act	1	-
Noise Abatement... ..	131	27
Hairdressers.. ...	20	2
Oil Heater Regs., 1962	38	4
Problem Families.. ...	6	2
Scrap Motor Vehicles.. ...	193	56
Total	3,040	683

TABLE XIV
SUMMARY OF NUISANCES ABATED AND DEFECTS OR
CONTRAVENTIONS REMEDIED DURING 1969

Accumulations removed.	4,815
Chimney stacks repaired... ..	16
Dangerous structure... ..	-
Dampness remedied.	58
Doors and gates repaired etc.. ...	31
Drains, cleansed, repaired, renewed etc... ..	12
Eavesgutters and rainwater pipes repaired or renewed..	126
Filthy and verminous premises cleansed	-
Fireplaces repaired etc... ..	11
Floors repaired and renewed... ..	32
Roofs repaired	109
Steps repaired	3
Sinks and waste pipes repaired or renewed.	15
Statutory information not inscribed in rent books. ...	-
Unclassified defects etc., remedied... ..	31
Walls and ceilings repaired... ..	84
Walls pointed etc.	23
Waste of water (including burst pipes) abated.	6
Water closets repaired or renewed -).	
Additional provided -).	36
Windows repaired or renewed... ..	103
Yard Walls repaired or rebuilt	-
Yard surfaces and paths re-laid... ..	6
Total	5,517

TABLE XV

(a) Mean monthly assessments of the daily readings from the volumetric smoke and sulphur dioxide measurement apparatus.

I T E	January		February		March		April		May		June	
	Smoke	SO2	Smoke	SO2	Smoke	SO2	Smoke	SO2	Smoke	SO2	Smoke	SO2
Monks Hall Museum												
Average	215	284	234	271	191	271	122	149	94	178	71	154
Highest	550	650	730	870	680	1020	295	390	138	275	148	250
Lowest	84	76	52	90	86	120	66	84	45	62	44	41
Winton County Sec. School												
Average	96	197	153	228	139	261	77	151	52	126	31	104
Highest	400	430	590	405	560	445	260	350	108	275	90	230
Lowest	20	23	27	35	44	90	14	60	14	36	14	35
Water Pollution Control Works.												
Average	146	221	195	281	148	315	191	160	54	120	49	95
Highest	475	1300	454	577	740	870	205	325	90	220	100	255
Lowest	20	33	40	78	81	154	5	11	19	38	24	15
Bankro Chemicals Limited.												
Average	186	267	250	422	151	217	100	149	70	190	50	172
Highest	370	510	440	930	320	352	200	320	120	280	92	275
Lowest	51	132	66	176	81	128	39	104	36	120	17	55

S I T E	July		August		September		October		November		December	
	Smoke	SO2	Smoke	SO2	Smoke	SO2	Smoke	SO2	Smoke	SO2	Smoke	SO2
Monks Hall Museum												
Average	36	97	41	94	79	127	136	195	137	183	426	348
Highest	53	295	64	170	215	225	320	340	315	355	1060	1017
Lowest	21	21	14	22	41	70	70	67	54	45	86	66
Winton County Sec. School												
Average	24	70	28	74	45	87	70	103	88	169	179	224
Highest	64	176	58	148	124	255	220	225	188	470	690	660
Lowest	10	23	10	25	14	24	27	30	23	36	40	73
Water Pollution Control Works.												
Average	25	27	30	31	55	71	94	77	76	98	161	181
Highest	92	78	93	176	158	210	275	335	230	270	660	880
Lowest	12	4	11	Nil	31	Nil	33	Nil	18	Nil	50	Nil
Bankro Chemicals Limited.												
Average	39	115	43	134	74	165	94	210	94	217	286	394
Highest	68	235	142	320	200	475	380	405	360	420	750	781
Lowest	19	52	28	34	39	96	22	56	16	97	72	86

(Smoke and Sulphur Dioxide Measurements in Microgrammes per cubic metre).

TABLE XV

(b) MEAN SUMMER, WINTER AND YEARLY AVERAGES

Station Location	Lankro Chemicals Ltd.		Monks Hall Museum		Winton County Secondary School.		Water Pollution Control Works	
	Smoke	SO2	Smoke	SO2	Smoke	SO2	Smoke	SO2
Summer, 1969	63	162	74	133	43	105	67	89
Winter, 1968/1969	156	351	259	259	126	231	151	238
Year 1968/1969	109	256	196	196	84	168	109	161

(Results expressed as Microgrammes of pollutants of air sampled per cubic meter)

For purposes of comparison, the tables for 1963 are shown below. Only two of the present volumetric stations were in use at that time.

Station Location	Monks Hall Museum		Winton County Secondary School	
	Smoke	SO2	Smoke	SO2
Summer, 1963	160	148	96	90
Winter, 1962/63	478	363	403	370
Year 1962/63	319	266	249	230

The two tables show that the yearly average for smoke and sulphur dioxide at both volumetric stations have dropped dramatically during the last six years. At the Monks Hall Museum site, there has been a 39% decrease in smoke and 25% decrease in sulphur dioxide. The site at Winton County Secondary School is in a smoke control area which became operational in August, 1963. Since that time a 64% decrease in smoke and 27% decrease in sulphur dioxide has been achieved. It should also be noted that the smoke readings at this site are on average, 58% lower than at Monks Hall Museum, and the sulphur dioxide readings 15% less.

TABLE XVI

REGISTRATION OF PREMISES FOR THE MANUFACTURE
AND SALE OF ICE CREAM AND PRESERVED FOODS,
(Food and Drugs Act, 1955, Section 16)

Type of Premises	Number Registered	Number of Inspections
Sale of Ice-Cream	134	36
Manufacture of Sausages.. ..	17	
Manufacture of sausage and preserved meat	6	29
Manufacture of preserved meat	14	
Preparation of preserved fish	24	56
Totals	195	121

TABLE XVII FOOD AND DRUGS SAMPLES

Nature of Sample	No. Taken	Satisfactory	Unsatisfactory
Ammonium Phosphate	1	1	-
Amylozyme 100.	1	1	-
Apricots, dried... ..	2	2	-
Branson pickles... ..	1	1	-
Campden tablets... ..	1	1	-
Cheese	1	-	1
Chips.	2	-	2
Citric acid... ..	1	1	-
Clear mixed pickles... ..	1	1	-
Colourings, flavourings... ..	4	4	-
Currants... ..	1	1	-
Dried Mault extract... ..	1	1	-
Egg albumin, pasteurised.. ..	1	1	-
Flour confectionery... ..	1	-	1
Ginger Ale	2	2	-
Groundnut oil.	1	1	-
Gypsum	1	1	-
Hop extract... ..	1	1	-
Ice-cream.	5	4	1
Macapan... ..	1	-	1
Malic acid	1	1	-
Malt extract D.M.S.... ..	1	1	-
Milk..	18	18	-
Maturing Agent	1	-	1
Peaches, cling, yellow	1	1	-
Pektolase.	1	1	-
Persipan paste	1	1	-
Pickles	4	4	-
Prunes, dried.	1	-	1
Pure malt and hops extract	1	1	-
Rice, ground..	1	1	-
Shandy	1	1	-
Sodium Metabisulphite	1	1	-
Soft drinks... ..	1	-	1
Steak pie.	1	-	1
Sugar, syrup etc..	2	1	1
Sunflower oil.	1	-	1
Stoneless red cherries	1	1	-
Sugar, granulated.	1	1	-
Vegetable products, canned	1	-	1
Vinegar... ..	3	3	-
Water crystals for mild ale... ..	1	1	-
Wine finings..	1	1	-
Wine tannin	1	1	-
Yeast energiser... ..	1	1	-
Yeast nutrient salts..	1	1	-
Total	79	66	13

TABLE XVIII

BATH WATER SAMPLES FROM PUBLIC BATHS (Chemical Analysis).

Bath	No. Taken	Satisfactory	Unsatisfactory
Large Plunge ...	10	10	-
Small Plunge ...	10	10	-
Total ...	20	20	-

TABLE XIX

DISTRIBUTORS OF MILK AND LICENCES ISSUED	
The Milk and Dairies (General) Regulations, 1959.	
No. of registered distributors operating from :-	
(a) Dairies in the district	6
(b) Shops in the district	119
The Milk (Special Designation) Regulations, 1963-1965.	
No. of dealer's (pre-packed) licences in force in respect of	
(a) Pasteurised milk	84
(b) Sterilised milk	117
(c) Untreated milk	7
(d) Ultra heat treated milk	18

TABLE XX

BACTERIOLOGICAL EXAMINATIONS

(a) Samples of Milk

	Nature of Test and Result								
	Tubercle Bacilli		Methylene Blue Test		Phosphatase Test		Turbidity Test		Colony Count
	Satis.	Unsat.	Satis.	Unsat.	Satis.	Unsat.	Satis.	Unsat.	Satis.
Untreated milk	-	-	-	-	-	-	-	-	-
Pasteurised milk	-	-	12	-	12	-	-	-	-
Sterilised milk	-	-	-	-	-	-	6	-	-
Ultra heat treated milk	-	-	-	-	-	-	-	-	-
Total	-	-	12	-	12	-	6	-	-

TABLE XX (Continued.)

(b) Sample of Ice Cream

Result of Examination			
Satisfactory		Unsatisfactory	
Grade 1	Grade 2	Grade 3	Grade 4
2	2	1	-

(c) Samples of Swimming-Bath Water

Taken	Satisfactory	Unsatisfactory
20	20	-

(d) Nose and Throat Swabs (for Diphtheria)

Taken	Positive	Negative
8	-	8

(e) Specimens of Faeces

Taken	Positive	Negative
79	11	68

TABLE XXI

MEAT INSPECTION

CARCASSES INSPECTED AND MEAT CONDEMNED WITHIN THE DISTRICT

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed	-	-	-	-	-	-
Number inspected.	-	-	-	-	-	-
All diseases except Tuberculosis and Cysticeri						
Whole carcasses condemned ...	-	-	-	-	-	-
Carcases of which some part or organ was condemned.. ...	-	-	-	-	-	-
Percentage of the number inspected affected with disease other than Tuberculosis and Cysticeri	-	-	-	-	-	-
Tuberculosis only:						
Whole carcasses condemned ...	-	-	-	-	-	-
Carcases of which some part or organ was condemned	-	-	-	-	-	-
Percentage of number inspected affected with Tuberculosis...	-	-	-	-	-	-
Cysticerosis:						
Carcases of which some part of organ was condemned	-	-	-	-	-	-
Carcases submitted to treat- ment by refrigeration... ..	-	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-

TABLE XXII

INSPECTION OF OTHER FOODS.

DETAILS OF UNSOUND FOOD SURRENDERED BY FOOD
WHOLESALEERS AND RETAILERS

Food	Containers	Total weight (Lbs.)
Fish	40	15
Fowl	-	133
Fruit... ..	416	468
Meat	201	596
Milk	130	88
(and milk products)		
Preserves... ..	4	4
Soup	88	41
Vegetables.. ..	694	614
	1,573	1,959

TABLE XXIII

INSPECTION OF FOOD PREMISES DURING 1969

Defects, contraventions etc.	No. found	No. Remedied
Accumulations of Refuse	3	-
Ceilings, defective	1	-
Clothing accommodation not provided	2	2
Contamination, risk of.	3	1
First Aid Kits, insufficient or absence of.	1	4
Floors defective... ..	2	-
Floors, walls, ceilings, etc., in need of cleansing or re-decoration.. ..	27	30
Hot water, absence of, to washbasins or sinks... ..	1	3
Lighting or Ventilation insufficient... ..	3	10
Refuse bins, defective or absence of... ..	-	-
Sanitary accommodation, unsatisfactory. ...	1	3
Sinks, defective or absence of.	1	-
Towels, nail brushes, soap etc., absence of	-	2
Utensils and fittings defective, insanitary etc	13	4
Walls defective	4	2
Washbasins, defective or absence of	-	1
Windows defective, broken glazing etc.. ..	-	1
"Wash hands", notices, absence of.. ..	-	-
Other defects..	19	9
Total.	81	72

TABLE XXIV

FACTORIES ACTS, 1937 to 1961

(a) Inspections for purposes of Provisions as to Health

Premises (1)	Number on Register (2)	Number of :		Occupiers prosecuted (5)
		Inspections (3)	Written Notices (4)	
Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	4	11	-	-
Factories not included in (1) in which Section 7 is enforced by the local authority.. ...	129	66	2	-
Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	6	6	-	-
TOTAL	139	83	2	-

(b) Defects Found

Particulars (1)	Number of cases in which defects were found				Number of cases in which prose- cutions were instit- uted.
	Found (2)	Remedied (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
t of cleanliness	4	10	-	-	-
rcrowding	-	-	-	-	-
reasonable temperature	-	1	-	-	-
dequate ventilation..	-	2	-	-	-
ffective drainage of floors	-	-	-	-	-
itary Conveniences	-	-	-	-	-
a) insufficient.	-	-	-	1	-
b) unsuitable or defective	-	5	-	-	-
c) not separate for sexes.	1	1	-	-	-
er offences against the Act (not luding offences relating to out- k)	-	4	-	-	-
TOTAL	5	23	-	1	-

There are 5 out-workers in the Borough.

TABLE XXV

SHOPS ACT, 1950

There are 740 occupied shops in the Borough, classified as follows:-

Auctioneers & Estate Agents	7	Hairdressers	43
Bread & Confectionery	20	Jewellers & Fancy Goods	13
Butchers	36	Leather Goods	2
Boots and Shoes, Retailers	11	Mail Order Stores	2
Boot and Shoe Repairers	6	Millinery	3
Cafes and Snack Bars	23	Motor Accessories and Petrol	
Chemists	12	Sales	12
China and Glass Dealers	1	Motor Car & Cycle Sales	5
Chiropodists	2	Mixed Business	18
Cooked Meats and Tripe	7	Newsagents and Stationery	22
Commission Agents	20	Off-licences	31
Cosmetic Supplies	3	On-licences	48
Cycle Dealers	6	Opticians	5
Dyers and Cleaners	18	Outfitters	48
Drapers	17	Photographers	4
Decorator's Supplies	17	Post Offices (mainly)	8
Electric and Radio Appliances	25	Pet Shops	3
Engineers' Tools	4	Record Dealers	3
Fish and Chips	23	Sanitary Fittings	5
Fishmongers	3	Second-hand Dealers	3
Florists	6	Sewing Machines	2
Fuel Offices	3	Sports Equipment	1
Funeral Directors	1	Sweets and Tobacco	35
Fents	2	Tailors	3
Gas Appliances	1	Tobacconists	1
Grocers	62	Toys	2
Greengrocers	29	Travel Agency	3
Hardware	18	Walk-round Stores	3
House Furnishers	13	Wholesale Dealers	9
		Wool Shops	7

TABLE XXVI

PREVENTION OF DAMAGE BY PESTS ACT, 1949 (RODENT CONTROL)

	Type of property		Total
	Non-Agricultural	Agricultural	
No. of properties in district	16,492	21	16,513
Total number of properties inspected following notification	498	-	498
No. infested by - rats	179	-	179
- mice	319	-	319
Total number of properties inspected for rats and/or mice for reasons other than notification.	85	-	85
No. infested by - rats	29	-	29
- mice	56	-	56

TABLE XXVII

COLLECTION AND DISPOSAL OF HOUSE AND TRADE REFUSE, 1969/1970.

Particulars	Collection	Disposal	Totals
1. GROSS EXPENDITURE	£	£	£
(a) Labour	36,853	4,347	41,200
(b) Transport.	13,827	2,452	16,279
(c) Plant, equipment, land & buildings ...	4,453	3,616	8,069
(d) Other items	222	80	302
TOTAL GROSS EXPENDITURE	55,355	10,495	65,850
2. GROSS INCOME	2,368	6,978	9,346
3. NETT COST	52,987	3,517	56,504
UNIT COSTS	s. d.	s. d.	s. d.
4. Gross cost per ton, labour only.	48. 3.	5. 8.	53. 11.
5. Gross cost per ton, transport only.	18. 1.	3. 2.	21. 3.
6. Nett cost per ton	69. 4.	4. 7.	73. 11.
	£	£	£
7. Nett cost per 1,000 population	1,330	80	1,410
8. Nett cost per 1,000 premises	3,666	243	3,909

TABLE XXVII

SALVAGE RETURNS, 1969

	Weight				Income		
	Tons.	Cwts.	q.	Lbs.	£.	s.	d.
Baled and loose cardboard ...	55	6	-	21	460	9	3
Baled and loose paper... ..	262	-	-	-	2,296	9	7
Metals - Ferrous... ..	31	7	3	-	92	18	3
Metals - Non Ferrous	-	10	1	4	50	7	1
TOTAL	349	4	-	25	2,900	4	2

TABLE XXIX

DETAILS OF MOTOR TRANSPORT

Fleet No.	Registration No.	Manufacturer	Description	Date purchased	Cost	Date of replacement
1	BPK 31 H	Dennis Brothers Ltd.	Dennis Paxit IIC Continuous loader (25/40 cu. yds)	April, 1970	£4,995	April, 1970 by Dennis Paxit
14	6377 AR	Shelvoke & Drewry Ltd.	"W" type Fore & Aft tipper (12 cu.yds)	Dec., 1959	£2,270	
15	6199 NK	Shelvoke & Drewry Ltd.	"W" type Fore & Aft tipper (12 cu. yds).	Jan., 1961	£2,273	
16	260 LRO	Shelvoke & Drewry Ltd.	"TW" type Fore & Aft tipper (16/18 cu.yds)	June, 1962	£2,755	
17	428 NUR	Shelvoke & Drewry Ltd.	"TW" type Fore & Aft tipper (12 cu. yds)	Feb., 1963	£2,432	
* 18	HJH 968 C	Shelvoke & Drewry Ltd.	"TZ" type Fore & Aft tipper with power press (18 cu.yds)	April, 1965	£3,970	
19	VAR 567 E	Shelvoke & Drewry Ltd.	"TZ" type Fore & Aft tipper (18 cu.yds)	April, 1967	£3,395	
* 20	CAR 775 F	Shelvoke & Drewry Ltd.	"TZB" type Fore & Aft tipper (18 cu.yds).	March, 1968	£4,130	
21	OTD 599 G	Vauxhall Motors Ltd.	Bedford "KD" 5-ton tipper	Dec., 1968	£1,503	
22	WPH 886 G	Dennis Brothers Ltd.	Dennis Paxit III C Continuous Loader (25/40 cu.yds)	Dec., 1968	£4,726	
23	NNA 816 H	Vauxhall Motors Ltd.	Bedford 10/12cwt.van	Sept., 1969	£ 590	
24	UTB 919 H	Dennis Brothers Ltd.	Dennis Paxit III C Continuous Loader (25/40 cu. yds).	Oct., 1969	£4,932	

* Fitted with attachment for loading of bulk containers

